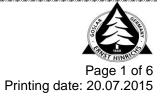
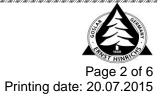
According to Regulation (EC) No. 1907/2006 Date of issue: 02.04.2013 Hinrivest Liquid



1.		
	Identification of the substance / Prepar Identification of the substance or preparat	
	Commercial product name:	Hinrivest Liquid
	Company / Manufacturer:	ERNST HINRICHS Dental GmbH Borsigstr. 1 D - 38644 Goslar 0 53 21 / 5 06 24 0 53 21 / 5 08 81 info@hinrichs-dental.de / www.hinrichs-dental.de
2.	Hazards Identification:	
2.1	Classification of the substance or mixture Classification (REGULATION (EC) No 1272/2008):	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
	Classification (67/548/EEC, 1999/45/EC):	Not a hazardous substance or mixture according to EC directives 67/548/EEC or 1999/45/EC.
2.2	Label elements Labelling (REGULATION (EC) No 1272/2008):	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.
2.3	Other hazards: PBT and vPvB assessment :	No further data available. This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).
3.	Composition / Information on Ingredier	nts:
3.1	Mixtures: Remarks :	No dangerous ingredients according to Directive 67/548/EEC.
	Silicon dioxide, amorphous OEL	7631-86-9 30 - 60 231-545-4 01- 2119379499- 16
	OEL: Candidate List of Substances of Very High Candidate List of Substances	Occupational exposure limit.
	of Very High Concern for Authorisation:	(Regulation (EC) No 1907/2006 (REACH), Article 57).
4.	First aid measures:	
4.1	Description of first aid measures General advice: After inhalation:	No hazards which require special first aid measures. If breathed in, move person into fresh air. If symptoms persist, call a physician.
	After skin contact: After eye contact:	Remove contaminated clothing. Rinse with water. Rinse with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.
	After swallowing:	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person.
4.2	Most important symptoms and effects, bot Symptoms: Risks:	

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5.	Fire Fighting measures:	
5.1	Suitable extinguishing agents:	Use extinguishing measures that are appropriate to local
5.2	Special hazards arising from the substance or mixture:	circumstances and the surrounding environment. No hazards to be specially mentioned.
5.3	Protective equipment:	In the event of fire, wear self-contained breathing apparatus.
	Further information :	Standard procedure for chemical fires.
6.	Accidental release measures:	
6.1	Person-related safety precautions:	No conditions to be specially mentioned.
6.2	Measures for environmental protection:	No special environmental precautions required.
6.3	Measures for cleaning / collecting:	Wipe up with absorbent material (e.g. cloth, fleece). Keep in suitable, closed containers for disposal. If liquid has been spilt in large quantities clean up promptly by scoop or vacuum.
6.4	Reference to other sections:	For personal protection, see section 8.
7.	Handling and Storage:	
7.1	Handling:	
	Information for safe handling: Information about fire- and explosion	For personal protection, see section 8. No special handling advice required. Advice on protection against fire and explosion. Normal measures for preventive fire protection.
7.2	protection: Storage:	
	Requirements to be met by storerooms	Keep container tightly closed in a dry and well-ventilated place.
	and receptacles:	Store in closed dark containers made of anti-corrosive material.
	Information about storing in one common storage facility:	No special restrictions on storage with other products.
	German storage class:	Non-combustible Liquids.
	Minimum storage temperature:	Avoid temperatures below: 5 °C
	Maximum storage temperature: Other data:	50 °C No decomposition if stored and applied as directed.
	Specific end use(s):	No information available.
8.	Exposure controls / Personal protectio	on:
8.1	Control parameters	
	Components with workplace control parar	
	Components CAS-No. Value Contro	ol parameters Update Basis Form of exposure
	Silicon 7631-86-9 AGW 4 mg/r dioxide, amorphous	m3 2011-04-12 DE TRGS 900 Inhalable fraction
	dang	6: Senate commission for the review of compounds at the work place gerous for the health (MAK-commission).
		olloidal amorphous silica, including pyrogenic silica and in wet
		esses manufactured silica (precipitated silica, silicagel). /hen there is compliance with the OEL and biological tolerance
		es, there is no risk of harming the unborn child
	STEL:	Short term exposure limit.
0.0	TWA:	Time Weighted Average (TWA).
8.2	Exposure controls: Engineering Controls:	Effective exhaust ventilation system.
	Personal protective equipment:	The usual precautionary measures are to be adhered to when
	General protective and hygienic measures:	handling chemicals.

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> Respiratory protection: Protection of hands:

Eye protection:

General advice:

Hygiene measures:

No personal respiratory protective equipment normally required. PVC Rubber gloves. Safety glasses. General industrial hygiene practice.

No special environmental precautions required.

### 9. Physical and chemical properties:

Environmental exposure controls:

9.1 General information: Form: liquid Colour: white Odour: odourless Odour threshold: No data available. pH-value: 9 - 10 Melting point / Melting range: 0°C 100°C Boiling point / Boiling range: Flash point: Not applicable. Evaporation rate: No data available. Flammability (solid, gas): The product is not flammable. Lower explosion limit : Not applicable. Upper explosion limit : Not applicable. Vapour pressure: Approx. 23 hPa at 20°C Relative vapour density: No data available. Relative density: 1,100 - 1,400 Water solubility: dispersible Solubility in other solvents: No data available. Partition coefficient: n octanol/water: Not applicable. Auto-ignition temperature: Not applicable. Decomposition temperature: No data available. Viscosity, dynamic: < 20 mPa.s Viscosity, kinematic: No data available. Explosive properties: Not explosive. Oxidizing properties: Not classified as oxidising.

9.2 This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

### **10.** Stability and Reactivity:

10.1	Reactivity:	Stable under normal conditions.
10.2	Chemical stability:	Stable under recommended storage conditions.
10.3	Possibility of hazardous reactions:	No dangerous reaction known under conditions of normal use.
10.4	Conditions to avoid:	Avoid drying out of the solution as this can lead to a build up of dust.
10.5	Incompatible materials:	Materials to avoid : Mild steel, Aluminium, Copper
10.6	Hazardous decomposition products: Thermal decomposition:	No hazardous decomposition products are known. No data available.

#### 11. Toxicological Information: Product information

Hazard Summary:Inhalation:May cause respiratory tract irritation.Skin:Causes mild skin irritation.Eyes:May cause eye irritation.Ingestion:May cause irritation of the mucous membranes.



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1910 | 1910 | 1910 | 1910 | 1910 | 1910 | 1910 | 1910 | 1910 | 1910 | 1910 | 1910 | 1910 | 1910 | 1910 | 1910 |

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|      | Toxicology Assessment:                               |                                                                                                    |
|------|------------------------------------------------------|----------------------------------------------------------------------------------------------------|
|      | Further information:                                 | Information given is based on data on the components and the                                       |
| 44.4 | Information on tovical action offects                | toxicology of similar products.                                                                    |
| 11.1 | Information on toxicological effects<br>Test result: |                                                                                                    |
|      | Acute oral toxicity:                                 | LD50: > 5 000 mg/kg                                                                                |
|      | Acute oral toxicity.                                 | Species: rat                                                                                       |
|      |                                                      | The value is estimated from tests on similar products.                                             |
|      | Sensitisation:                                       | Did not cause sensitisation on laboratory animals.                                                 |
|      |                                                      | Method: (Magnusson-Kligman):                                                                       |
|      |                                                      | The value is estimated from tests on similar products.                                             |
|      | Germ cell mutagenicity:                              |                                                                                                    |
|      | Genotoxicity in vitro:                               | Ames test                                                                                          |
|      |                                                      | negative                                                                                           |
|      |                                                      | Method: OECD Guide-line 471 - Bacterial Reverse Mutation Test                                      |
|      |                                                      | The value is estimated from tests on similar products.                                             |
|      | Silicon dioxide, amorphous:                          |                                                                                                    |
|      | Acute oral toxicity :                                | LD50: > 10 000 mg/kg                                                                               |
|      |                                                      | Species: rat                                                                                       |
| 12.  | Ecological Information:                              |                                                                                                    |
| 12.  | Ecological Information:<br>Product information:      |                                                                                                    |
|      | Ecotoxicology Assessment:                            |                                                                                                    |
|      | Results of PBT assessment:                           | This mixture contains no substance considered to be persistent,                                    |
|      |                                                      | bioaccumulating nor toxic (PBT).                                                                   |
|      |                                                      | This mixture contains no substance considered to be very                                           |
|      |                                                      | persistent nor very bioaccumulating (vPvB).                                                        |
|      | Additional ecological information:                   | None known.                                                                                        |
| 12.1 | Toxicity                                             |                                                                                                    |
|      | Test result:                                         |                                                                                                    |
|      | Toxicity to fish:                                    | LC50: > 5 000 mg/l                                                                                 |
|      |                                                      | Exposure time: 96 h                                                                                |
|      |                                                      | Species: Danio rerio (zebra fish)                                                                  |
|      | <b>-</b>                                             | The value is estimated from tests on similar products.                                             |
|      | Toxicity to daphnia and other                        | EC50: 7 600 mg/l                                                                                   |
|      | aquatic invertebrates:                               | Exposure time: 48 h                                                                                |
|      |                                                      | Species: Ceriodaphnia Dubia (water flea)<br>The value is estimated from tests on similar products. |
|      | Toxicity to algae:                                   | NOEC: 60 mg/l                                                                                      |
|      | Toxicity to algae.                                   | Exposure time: 48 h                                                                                |
|      |                                                      | Species: Selenastrum capricornutum (green algae)                                                   |
|      |                                                      | The value is estimated from tests on similar products.                                             |
|      |                                                      |                                                                                                    |
|      |                                                      | EC50: 120 mg/l                                                                                     |
|      |                                                      | Exposure time: 48 h                                                                                |
|      |                                                      | Species: Selenastrum capricornutum (green algae)                                                   |
|      |                                                      | The value is estimated from tests on similar products.                                             |
|      |                                                      | EC10: 140 mg/l                                                                                     |
|      |                                                      | EC10: 140 mg/l<br>Exposure time: 48 h                                                              |
|      |                                                      | Species: Selenastrum capricornutum (green algae)                                                   |
|      |                                                      | The value is estimated from tests on similar products.                                             |
| 12.2 | Persistence and degradability                        | the value is commuted from tests of similar products.                                              |
|      | Product information:                                 |                                                                                                    |
|      | Biodegradability:                                    | Not applicable – inorganic.                                                                        |
|      |                                                      |                                                                                                    |



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| 12.3 | Bioaccumulative potential<br>Product information:<br>Bioaccumulation:                                           | No bioaccumulation is expected.                                                                                                                                                                                |
|------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12.4 | Mobility in soil<br>Product information:<br>Mobility:                                                           | No test results. Under extreme circumstances, transport from earth to water may take place.                                                                                                                    |
| 12.5 | Distribution among<br>environmental compartments:<br>Results of PBT and vPvB assessment<br>Product information: | Transport to air is not expected.                                                                                                                                                                              |
|      | PBT and vPvB assessment :                                                                                       | This mixture contains no substance considered to be persistent,<br>bioaccumulating nor toxic (PBT).<br>This mixture contains no substance considered to be very<br>persistent nor very bioaccumulating (vPvB). |
| 12.6 | Other adverse effects                                                                                           | poloioioi (i) (i) (i) (i) (i) (i) (i) (i) (i) (i                                                                                                                                                               |
|      | Product information:<br>Biochemical Oxygen Demand (BOD):                                                        | No data available.                                                                                                                                                                                             |
| 13.  | Disposal Considerations:                                                                                        |                                                                                                                                                                                                                |
| 13.1 | Waste treatment methods -                                                                                       | Empty remaining contents.                                                                                                                                                                                      |
|      | Contaminated packaging:                                                                                         | Empty containers should be taken to an approved waste handling site for recycling or disposal.                                                                                                                 |
| 14.  | Transport Information:                                                                                          |                                                                                                                                                                                                                |
| 14.1 | UN-Number:                                                                                                      | Not dangerous goods.                                                                                                                                                                                           |
| 44.0 | ADR, ADN, IMDG, IATA:                                                                                           |                                                                                                                                                                                                                |
| 14.2 | UN proper shipping name:<br>ADR, ADN, IMDG, IATA:                                                               | Not dangerous goods.                                                                                                                                                                                           |
| 14.3 | Transport hazardous class:<br>ADR, ADN, IMDG, IATA:                                                             | Not dangerous goods.                                                                                                                                                                                           |
| 14.4 | Packing group:<br>ADR, IMDG, IATA:                                                                              | Not dangerous goods.                                                                                                                                                                                           |
| 14.5 | Environmental hazards:                                                                                          | Not dangerous goods.                                                                                                                                                                                           |
| 14.6 | Marine pollutant:<br>Special precautions for user:                                                              | Not classified as dangerous in the meaning of transport                                                                                                                                                        |
|      | —                                                                                                               | regulations.                                                                                                                                                                                                   |
| 14.7 | Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:                                       | No data available.                                                                                                                                                                                             |
| 15.  | Regulatory Information:                                                                                         |                                                                                                                                                                                                                |
| 15.1 | Safety, health and environmental                                                                                |                                                                                                                                                                                                                |
|      | regulations / legislation specific for the                                                                      |                                                                                                                                                                                                                |
|      | substance or mixture:<br>Major Accident Hazard Legislation:                                                     | 96/82/EC - Update: 2003                                                                                                                                                                                        |
|      |                                                                                                                 | Directive 96/82/EC does not apply.                                                                                                                                                                             |
|      | Water contaminating class (Germany):                                                                            | NWG not water endangering.                                                                                                                                                                                     |
|      | TA Luft List (Germany):                                                                                         | -Total dust: not applicable<br>- Inorganic substances in powdered form: not applicable                                                                                                                         |
|      |                                                                                                                 | - Inorganic substances in vapour or gaseous form: not applicable                                                                                                                                               |
|      |                                                                                                                 | - Organic Substances: not applicable                                                                                                                                                                           |
|      |                                                                                                                 | <ul> <li>Carcinogenic substances: not applicable</li> <li>Mutagenic: not applicable</li> </ul>                                                                                                                 |
|      |                                                                                                                 | - Toxic to reproduction: not applicable                                                                                                                                                                        |
|      |                                                                                                                 |                                                                                                                                                                                                                |

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| Notification status:CH INV : YES. The formulation contains substances listed on<br>Swiss Inventory<br>TSCA : YES. All chemical substances in this product are either<br>listed on the TSCA Inventory or in compliance with a TSCA<br>Inventory exemption.<br>DSL : YES. All components of this product are on the Canadi<br>DSL.<br>AICS : YES. On the inventory, or in compliance with the invert<br>NZIOC : YES. On the inventory, or in compliance with the<br>inventory.<br>ENCS : YES. On the inventory, or in compliance with the invert<br>NZIOC : YES. On the inventory, or in compliance with the invert<br>NZIOC : YES. On the inventory, or in compliance with the invert<br>NZIOC : YES. On the inventory, or in compliance with the invert<br>NENCS : YES. On the inventory, or in compliance with the invert<br>NECC : YES. On the inventory, or in compliance with the invert<br>NECC : YES. On the inventory, or in compliance with the invert<br>NECC : YES. On the inventory, or in compliance with the invert<br>NECC : YES. On the inventory, or in compliance with the invert<br>NECC : YES. On the inventory, or in compliance with the invertory.<br>IECSC : YES. On the inventory, or in compliance with the inventory.<br>IECSC : YES. On the inventory, or in compliance with the inventory.<br>IECSC : YES. On the inventory, or in compliance with the inventory.For explanation of abbreviation see section 16.<br>Further information:This product is to be considered as a preparation according to<br>legislation.15.2<br>Chemical Safety Assessment:Chemical Safety Assessment:Chemical Safety Assessment: |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Swiss Inventory<br>TSCA : YES. All chemical substances in this product are either<br>listed on the TSCA Inventory or in compliance with a TSCA<br>Inventory exemption.<br>DSL : YES. All components of this product are on the Canadia<br>DSL.<br>AICS : YES. On the inventory, or in compliance with the invert<br>NZIOC : YES. On the inventory, or in compliance with the<br>inventory.<br>ENCS : YES. On the inventory, or in compliance with the invert<br>KECI : YES. On the inventory, or in compliance with the invert<br>KECI : YES. On the inventory, or in compliance with the invert<br>KECI : YES. On the inventory, or in compliance with the invert<br>KECI : YES. On the inventory, or in compliance with the invert<br>PICCS : YES. On the inventory, or in compliance with the<br>inventory.<br>IECSC : YES. On the inventory, or in compliance with the<br>inventory.<br>IECSC : YES. On the inventory, or in compliance with the<br>inventory.<br>For explanation of abbreviation see section 16.<br>This product is to be considered as a preparation according to<br>legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <ul> <li>listed on the TSCA Inventory or in compliance with a TSCA<br/>Inventory exemption.</li> <li>DSL : YES. All components of this product are on the Canadia<br/>DSL.</li> <li>AICS : YES. On the inventory, or in compliance with the inventory.</li> <li>ENCS : YES. On the inventory, or in compliance with the inventory.</li> <li>ENCS : YES. On the inventory, or in compliance with the inventory.</li> <li>ISHL : YES. On the inventory, or in compliance with the inventory.</li> <li>ISHL : YES. On the inventory, or in compliance with the inventory.</li> <li>ISHCS : YES. On the inventory, or in compliance with the inventory.</li> <li>ISHCS : YES. On the inventory, or in compliance with the inventory.</li> <li>ISECS : YES. On the inventory, or in compliance with the inventory.</li> <li>IECSC : YES. On the inventory, or in compliance with the inventory.</li> <li>IECSC : YES. On the inventory, or in compliance with the inventory.</li> <li>IECSC : YES. On the inventory, or in compliance with the inventory.</li> <li>IECSC : YES. On the inventory, or in compliance with the inventory.</li> <li>IECSC : YES. On the inventory, or in compliance with the inventory.</li> <li>IECSC : YES. On the inventory, or in compliance with the inventory.</li> <li>IECSC : YES. On the inventory, or in compliance with the inventory.</li> </ul>                                                                                                                                                                                                                                                         |
| Inventory exemption.<br>DSL : YES. All components of this product are on the Canadia<br>DSL.<br>AICS : YES. On the inventory, or in compliance with the inventory.<br>ENCS : YES. On the inventory, or in compliance with the<br>inventory.<br>ISHL : YES. On the inventory, or in compliance with the inventory.<br>ISHL : YES. On the inventory, or in compliance with the inventory.<br>ISHL : YES. On the inventory, or in compliance with the inventory.<br>ISHCS : YES. On the inventory, or in compliance with the inventory.<br>ISHCS : YES. On the inventory, or in compliance with the inventory.<br>IECSC : YES. On the inventory, or in compliance with the<br>inventory.<br>For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to<br>legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DSL : YES. All components of this product are on the Canadia<br>DSL.<br>AICS : YES. On the inventory, or in compliance with the inventory.<br>NZIOC : YES. On the inventory, or in compliance with the<br>inventory.<br>ENCS : YES. On the inventory, or in compliance with the inventory.<br>ISHL : YES. On the inventory, or in compliance with the inventory.<br>ISHL : YES. On the inventory, or in compliance with the inventory.<br>IECS : YES. On the inventory, or in compliance with the inventory.<br>IECS : YES. On the inventory, or in compliance with the inventory.<br>IECS : YES. On the inventory, or in compliance with the inventory.<br>IECSC : YES. On the inventory, or in compliance with the<br>inventory.<br>For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to<br>legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DSL.<br>AICS : YES. On the inventory, or in compliance with the inven<br>NZIOC : YES. On the inventory, or in compliance with the<br>inventory.<br>ENCS : YES. On the inventory, or in compliance with the inven<br>KECI : YES. On the inventory, or in compliance with the inver<br>KECI : YES. On the inventory, or in compliance with the inver<br>For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to<br>legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| AICS : YES. On the inventory, or in compliance with the inventory.<br>NZIOC : YES. On the inventory, or in compliance with the inventory.<br>ENCS : YES. On the inventory, or in compliance with the inventory.<br>ISHL : YES. On the inventory, or in compliance with the invert KECI : YES. On the inventory, or in compliance with the invert KECI : YES. On the inventory, or in compliance with the invert PICCS : YES. On the inventory, or in compliance with the inventory.<br>For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| NZIoC : YES. On the inventory, or in compliance with the<br>inventory.<br>ENCS : YES. On the inventory, or in compliance with the<br>inventory.<br>ISHL : YES. On the inventory, or in compliance with the inver<br>KECI : YES. On the inventory, or in compliance with the inver<br>PICCS : YES. On the inventory, or in compliance with the<br>inventory.<br>IECSC : YES. On the inventory, or in compliance with the<br>inventory.<br>For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to<br>legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| inventory.<br>ENCS : YES. On the inventory, or in compliance with the inventory.<br>ISHL : YES. On the inventory, or in compliance with the inven<br>KECI : YES. On the inventory, or in compliance with the inven<br>PICCS : YES. On the inventory, or in compliance with the inventory.<br>IECSC : YES. On the inventory, or in compliance with the inventory.<br>For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to<br>legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ENCS : YES. On the inventory, or in compliance with the inventory.<br>ISHL : YES. On the inventory, or in compliance with the inver<br>KECI : YES. On the inventory, or in compliance with the inver<br>PICCS : YES. On the inventory, or in compliance with the inventory.<br>IECSC : YES. On the inventory, or in compliance with the inventory.<br>For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| inventory.<br>ISHL : YES. On the inventory, or in compliance with the inven<br>KECI : YES. On the inventory, or in compliance with the inver<br>PICCS : YES. On the inventory, or in compliance with the<br>inventory.<br>IECSC : YES. On the inventory, or in compliance with the<br>inventory.<br>For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to<br>legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ISHL : YES. On the inventory, or in compliance with the inven<br>KECI : YES. On the inventory, or in compliance with the inver<br>PICCS : YES. On the inventory, or in compliance with the<br>inventory.<br>IECSC : YES. On the inventory, or in compliance with the<br>inventory.<br>For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to<br>legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| KECI : YES. On the inventory, or in compliance with the inver<br>PICCS : YES. On the inventory, or in compliance with the<br>inventory.<br>IECSC : YES. On the inventory, or in compliance with the<br>inventory.<br>For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to<br>legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PICCS : YES. On the inventory, or in compliance with the inventory.<br>IECSC : YES. On the inventory, or in compliance with the inventory.<br>For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| inventory.<br>IECSC : YES. On the inventory, or in compliance with the<br>inventory.<br>For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to<br>legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| IECSC : YES. On the inventory, or in compliance with the<br>inventory.<br>For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to<br>legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| inventory.<br>For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to<br>legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| For explanation of abbreviation see section 16.<br>Further information:<br>This product is to be considered as a preparation according to<br>legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Further information: This product is to be considered as a preparation according to legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| legislation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| •                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Silicon dioxide, amorphous : A Chemical Safety Assessment is not required for this substa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 16. Further Information:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| This information is based on our present knowledge. However this shall not constitute a guarantee for ar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| specific product features and shall not establish a legally valid contractual relationship.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 16.1 Full text of H-Statements referred to under sections 2 and 3.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Explanations for possible abbreviations mentioned in section 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PBT: Persistent, bioaccumulative and toxic.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| vPvB: Very persistent and very bioaccumulative.<br>OEL: Occupational exposure limit.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OEL: Occupational exposure limit.<br>16.2 Further abbreviations and acronyms:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| ADR: Accord européen sur le transport des marchandises dangereuses par Route (European                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Agreement concerning the International Carriage of Dangerous Goods by Road).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| RID: Règlement international concernant le transport des marchandises dangereuses par chemir                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| fer (Regulations Concerning the International Transport of Dangerous Goods by Rail).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| IMDG: International Maritime Code for Dangerous Goods.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| IATA: International Air Transport Association.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| IATA- Dangerous Goods Regulations by the "International Air Transport Association".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DGR:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ICAO: International Civil Aviation Organization.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| ICAO-TI: Technical Instructions by the "International Civil Aviation Organization".                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 16.3 Notification status explanation:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| CH INV: Switzerland. New notified substances and declared preparations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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| TSCA: United States TSCA Inventory.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| TSCA: United States TSCA Inventory.<br>DSL: Canadian Domestic Substances List (DSL).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| TSCA:United States TSCA Inventory.DSL:Canadian Domestic Substances List (DSL).AICS:Australia Inventory of Chemical Substances (AICS).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| TSCA:United States TSCA Inventory.DSL:Canadian Domestic Substances List (DSL).AICS:Australia Inventory of Chemical Substances (AICS).NZIOC:New Zealand. Inventory of Chemical Substances.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| TSCA:United States TSCA Inventory.DSL:Canadian Domestic Substances List (DSL).AICS:Australia Inventory of Chemical Substances (AICS).NZIOC:New Zealand. Inventory of Chemical Substances.ENCS:Japan. ENCS - Existing and New Chemical Substances Inventory.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| TSCA:United States TSCA Inventory.DSL:Canadian Domestic Substances List (DSL).AICS:Australia Inventory of Chemical Substances (AICS).NZIOC:New Zealand. Inventory of Chemical Substances.ENCS:Japan. ENCS - Existing and New Chemical Substances Inventory.ISHL:Japan. ISHL - Inventory of Chemical Substances (METI).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| TSCA:United States TSCA Inventory.DSL:Canadian Domestic Substances List (DSL).AICS:Australia Inventory of Chemical Substances (AICS).NZIOC:New Zealand. Inventory of Chemical Substances.ENCS:Japan. ENCS - Existing and New Chemical Substances Inventory.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |