

# Material Safety Data Sheet

According to 91 / 155 EC

**Product name:** Superfluid (Liquid Concentrate for estheticast exact, acwerocast, provest RM)

**Made on:** 01.05.2014

**Printing Date:** 01.05.2014

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## 1. Identification of the substance/preparation and of the company/undertaking

**Product details / Trade Name:**

Old Style Special Liquid, Special Liquid Concentrate, PowerPlus Liquid, Ti21 Liquid, Polyvest Liquid, FastFire Liquid, Formula 1 Liquid

**Manufacturer / Supplier**

dentona AG  
Otto-Hahn-Str. 27  
D – 44227 D o r t m u n d  
Germany  
Tel.: 0049 – 231 556 0  
Fax : 0049 – 231 5556 30

## 2. Composition / Information about Ingredients

**Chemical characterization:**

**Description:** 15 – 40% mix of Colloidal Silica in water

**CAS Nr.:** 112926-00-8

**Chemical formula:** Not determined

**Hazard identification:** None

**R-Phrases:** Not required

**Additional information:**

## 3. Hazards Identification

**Hazard Identification:** None

**Information concerning particular hazards for human and environment:** Not applicable

**Classification System:**

The classification is according to the latest editions of the EU lists, and extended by company and literature data.

## 4. First-Aid Measures

**General Information:** No special measures required.

**After inhalation:** Supply fresh air, consult doctor in case of complaints.

**After skin contact:** Generally the product does not irritate the skin. Rinse with water.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** Rinse mouth with water. If symptoms persists consult doctor

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## 5. Fire-fighting Measures

**Suitable extinguishing agents:**

CO<sub>2</sub>, powder and water. Fight larger fires with water spray or alcohol resistant foam.

**Unsuitable extinguishing agents:** None

**Protective Equipment:** No special measures required

**Additional information:**

## 6. Accidental Release Measures

**Person related safety precautions:** None

**Measures for environmental protection:** No special measures required.

**Measures for cleaning/collecting:** Absorb with liquid binding material (sand, diatomite, acid binders, universal binders, sawdust).

**Additional information:** No dangerous substances are released. For personal safety, see point 8.

## 7. Handling and Storage

**Handling:**

– **Information for safe handling:** No special measures required.

– **Information about fire and explosive protection:** Product cannot burn.

**Storage:**

– **Requirements to be met by storage rooms and receptacles:** No special requirements

– **Information about storage in one common storage facility:** Not required

– **Further information about storage conditions:** None

**Storage class:**

Class according to regulation on flammable liquids: Void

## 8. Exposure Control and Personal Protection:

**Additional information about design of technical facilities:**

No further data; See point 7

**Ingredients with limits values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Description** Colloidal Silica

**CAS-Nr.:** 112926-00-8

**Additional Information:**

The list valid during the making were used as basis

**Personal protective equipment:**

– **Respiratory protection:** Not required

– **Protection of hands:** Not required

– **Eye protection:** Not required

– **Lab coat:** Not required

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals

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## 9. Physical and Chemical Properties

**Appearance:**

- **Form:** Fluid
- **Color:** Colorless
- **Odor:** Odorless

**Change in condition:**

- **Melting Point/Melting Range:** Not determined
- **Boiling Point/Boiling Range:** > 100° C
- **Flash Point:** Not applicable
- **Selfigniting:** Product is not selfigniting
- **Danger of Explosion:** Product does not present an explosion hazard
- **Density:** Max 6,0 cps by 25° C

**Solubility in / Miscibility with**

**Water:** Not miscible or difficult to mix

**Organic Solvent:** 0.0%

**Solids content:** 100.0%

## 10. Stability and Reactivity

**Thermal decomposition / Conditions to be avoided:**

No decomposition if used according to specifications.

**Dangerous reactions:** None known

**Dangerous decomposition products:** None known

**Additional Information:** No dangerous reactions known

## 11. Toxicological Information

**Acute Toxicity:**

**Primary irritant effects:**

- **on the skin:** No irritant effect.
- **In the eye:** No irritating effect.

**Sensitization:** None known

**Additional Information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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## 12. Ecological Information

General Information: Generally not hazardous for water.

## 13. Disposal Considerations:

**Product:**

– **Recommendation:**

Smaller quantities can be disposed of with household waste.

**Uncleaned packaging:**

– **Recommendation:**

Disposal must be made according to official regulations.

## 14. Transportation Information

**Land transport: ADR/RID (Cross Border)**

**ADR/RID class:**

**Maritime transport IMDG:**

**Marina pollutant:** No

**Transportation / Additional Information:**

Product is not hazardous according to the above information.

## 15. Regulatory Information.

**Labeling according to EU guidelines:**

Observe the general safety regulations when handling chemicals. The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV)

**National regulations:**

– **Classification according to VbF:** Void

– **Waterhazard class:** Generally not hazardous for water.

– **Additional Information:**

## 16. Other Information.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.



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