

Material Safety Data Sheet
According to 91/155 EEC

Printing date 20.12.2005

Reviewed on 20.12.2005

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

- **Product details**
- **Trade name:** Supronil® HU 14
- **Article number:** 101030
- **Application of the substance / the preparation**
Textile auxiliary, e.g. anti-aging agent for natural and synthetic latex.
- **Manufacturer/Supplier:**
Weserland Textilchemie GmbH
P.O. Box 21 04 80, D-30404 Hannover
Hansastraße 9 - 17, D-30419 Hannover
Tel.: +49(0) 511 / 97997-0 / Fax: +49(0) 511 / 97997-70
e-mail: info@WeserlandGmbH.de
internet: www.WeserlandGmbH.de
- **Further information obtainable from:** Quality / environmental department

2 Composition/information on ingredients

- **Chemical characterization**
- **Description:**
Aqueous dispersion of a polymeric quinoline derivative with additives (e.g. dispersing agents).
- 1,2 Dihydro-2,2,4-trimethylchinoline, homopolymer (active substance)
CAS-No.: 26780-96-1
EINECS-Nr.: None (Polymer)
- **Dangerous components:** Void
- **Additional information:** For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **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:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:**
Carefully rinse out oral cavity with water and then drink plenty of water. In case of persisting complaint, consult a physician.
Show this material safety data sheet.

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5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
In case of fire be aware of noxious fumes.
- **Protective equipment:** Do not inhale explosion gases or combustion gases.
- **Additional information**
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
Collect contaminated fire fighting water separately. It must not enter the sewage system.
Being an aqueous system, product itself does not burn.
Fire extinguishing measures to be adopted to the ambient fire.

6 Accidental release measures

- **Person-related safety precautions:** Wear protective clothing.
- **Measures for environmental protection:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **Additional information:** No dangerous substances are released.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in the original receptacle.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store between +5 °C and +30 °C. Protect from frost.
- **Storage class:** Non-combustible liquids (12).

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit 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.
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

- **Material of gloves**
Gloves of nitrile rubber (EN 374) recommended: Tricotted gloves with nitrile rubber coating (EN 374).
Deemed suitable from own experiences. After work apply hand cream.

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- **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles, tightly closing, with lateral shields (EN 166).
- **Body protection:** Full-arm protective overall/working clothing and safety footwear/boots (EN 344).

9 Physical and chemical properties

· **General Information**

Form:	Fluid
Colour:	Yellowish-white
Odour:	Characteristic

· **Change in condition**

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: 100°C

· **Flash point:** Not applicable.

· **Self-igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density at 20°C:** Approx. 1.0 g/cm³

· **Solubility in / Miscibility with water:**

Fully miscible.

· **pH-value (10 g/l) at 20°C:** 9.5 - 10.5

· **Viscosity:**

Dynamic at 20°C: 300 - 500 mPas

· **Solvent content:**

Organic solvents: 0.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Materials to be avoided:** Reaction with strong oxidizing agents.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:**
None.
If dried product residue burns, formation of nitrogen oxides and carbon oxides.

11 Toxicological information

· **Acute toxicity:**

· **LD/LC50 values relevant for classification:**

Poly-(1,2-dihydro-2,2,4-trimethylchinolin)

Oral	LD50	3200-7900 mg/kg (rat)
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· **Primary irritant effect:**

- **on the skin:** Slight irritating (rabbit, data from literature for the active substance).
- **on the eye:** Slight irritating (rabbit, data from literature for the active substance).

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· **Sensitization:**

Possibility of allergic skin reaction in case of repeated or prolonged exposure (data from literature for the active substance).

· **Additional toxicological 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.

12 Ecological information· **Ecotoxicological effects:**

· **Remark:** LC50 (fish, 96h) > 10 mg/l (data derived from literature).

· **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.

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.

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

· **Transport/Additional information:** Not dangerous according to ADR/RID, IMDG and IATA.

15 Regulatory information· **Labelling 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).

· **Safety phrases:**

36/37 Wear suitable protective clothing and gloves.

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.

· **Department issuing MSDS:** Quality / environmental department

· **Contact:** Mr. Ehrle