

Printing date 08.04.2009

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

- **Product details**

- **Trade name:** Supronil® HN 48

- **Article number:** 101090

- **Application of the substance / the preparation** Wetting agent

- **Manufacturer/Supplier:**

Weserland GmbH

P.O. Box 21 04 80, 30404 Hannover (Germany)

Hansastraße 9 - 17, 30419 Hannover (Germany)

phone: +49 (0)511 / 97997-0 / fax: +49 (0)511 / 97997-70

e-mail: info@weserland.eu

www.weserland.eu

- **Further information obtainable from:**

Quality / environment department, Andrew Ehrle, email: ehrle@weserland.eu

- **Information in case of emergency:**

Due operating hours

Dept. Quality/Environment

Phon +49 511 97997-36

or Phon +49 511 97997-0

2 Hazards identification

- **Hazard description:**



Xi Irritant

- **Information concerning particular hazards for human and environment:**

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

R 41 Risk of serious damage to eyes.

- **Classification system:**






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

3 Composition/information on ingredients

- **Chemical characterization**

- **Description:** Aqueous preparation, contains: Tenside mixture.

- **Dangerous components:**

CAS: 85711-69-9 EINECS: 288-330-3	sodium alkylsulphonates	 Xn; R 22	10-25%
CAS: 69011-36-5	fatty alcohol ethoxylates	 Xn,  Xi; R 22-36/38	2.5-10%
CAS: 24938-91-8	fatty alcohol ethoxylate(s)	 Xn,  Xi; R 22-41	2.5-10%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **General information:** Immediately remove any clothing soiled by the product.

- **After inhalation:**

In case of unconsciousness place patient stably in side position for transportation.

Supply fresh air; consult doctor in case of complaints.

- **After skin contact:**

Immediately wash with water and soap and rinse thoroughly.

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- If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
 - **After swallowing:**
Seek medical advice immediately show this material safety data sheet.
If swallowed, rinse mouth with water (only if the person is conscious).

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, the following can be released:
Nitrogen oxides (NO_x)
Carbon monoxide (CO)
Sulphur dioxide (SO₂)
Under certain fire conditions, traces of other toxic gases cannot be excluded.
- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**
Being an aqueous system, product itself does not burn. Fire extinguishing measures to be adopted to 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).

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:** Store away from foodstuffs.
- **Further information about storage conditions:**
Store dry and cool, protect from frost.
+5 - +30°C
- **Storage class:** Storage classification (VCI-D): 12 Non-combustible liquids.

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:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing

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Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

 · **Respiratory protection:** Not required.

 · **Protection of hands:**


Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

 · **Material of gloves**

Rubber gloves

(EN 374)

 · **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:**

Tightly sealed goggles

(EN 166)

 · **Body protection:**

Protective work clothing

(EN 344)

9 Physical and chemical properties

· General Information

Form:	Fluid
Colour:	Yellowish
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:** ~ 1 g/cm³

 · **Solubility in / Miscibility with water:** Fully miscible.

 · **pH-value (100 g/l) at 20°C:** 7 - 8

 · **Solvent content:**
VOC (EC) 0.00 %

10 Stability and reactivity

 · **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

 · **Dangerous reactions** No dangerous reactions known.

 · **Dangerous decomposition products:** No dangerous decomposition products known.

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11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Possibly irritating (*data from literature).
- **on the eye:** Strong irritant with the danger of severe eye injury.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

- **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**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Waste disposal key:** 16 03 05 organic wastes containing dangerous substances.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -

- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

- **Labelling according to EU guidelines:**
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.
- **Code letter and hazard designation of product:**
Xi Irritant
- **Hazard-determining components of labelling:**
sodium alkylsulphonates

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· Risk phrases:

41 Risk of serious damage to eyes.

· Safety phrases:

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

28 After contact with skin, wash immediately with plenty of soap and water.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

· National regulations:**· Classification according Safety of Operation Ordinance (german): -****16 Other information**

The product is classified in waste water relevance level (ARS) I according to procedure of the self-obligation statement.

Thus these textile auxiliaries are less relevant to waste water.

The information is based on the current state of our knowledge. The information is intended to describe the products and is thus not significant for assuring certain properties.

· Relevant R-phrases

22 Harmful if swallowed.

36/38 Irritating to eyes and skin.

41 Risk of serious damage to eyes.

· Department issuing MSDS: Quality / env. dept.**· Contact: Andrew Ehrle, email ehrle@weserland.eu**

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