

Material Safety Data Sheet
 According to 91/155 EEC

Printing date 01.12.2005

Reviewed on 01.12.2005

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

- **Product details**
- **Trade name:** Supron®-Rot SB
- **Article number:** 159101
- **Application of the substance / the preparation**
 Supron®-Rot SB is an aqueous pigment preparation for dyeing synthetic and latex dispersions as well as for dyeing textiles and Nonwoven fabrics.
- **Manufacturer/Supplier:**
 Weserland Textilchemie GmbH
 P.O. Box 21 04 80, D-30404 Hannover
 Hansastrasse 9 - 17, D-30419 Hannover
 Tel.: +49 511 97997 0 / Fax: +49 511 97997 70
 e-mail: info@weserlandgmbh.de
 internet: www.weserlandgmbh.de
- **Further information obtainable from:** Quality / environmental dept.

2 Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Description**
 61932-63-6 C.I. Pigment Red 210, C.I. 12477 (Principial pigment).
- **Identification number(s)** Not data available.
- **Additional information:** Aqueous dispersion of C.I. Pigment Red 210 with dispersing agents and glycerine.

3 Hazards identification

- **Hazard description:** Not applicable.
- **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:** 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.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
 CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:**
 Wear self-contained respiratory protective device.
 Wear fully protective suit.

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6 Accidental release measures

- *Person-related safety precautions: Not required.*
- *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 measures required.*
- *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 in a dry and cool place, protect from frost. Store between +5 and 30 °C.
- *Storage class: According VCI (D): 12 (Not 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: Not required.*
- *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:*
- *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.
- *Penetration time of glove material*
The exact break trough 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:	Pasty
Colour:	Red
Odour:	Ammonia-like

· **Change in condition**

Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.

· **Flash point:** > 100°C

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· Danger of explosion:	Product does not present an explosion hazard.
· Density at 20°C:	1.0 g/cm ³
· Solubility in / Miscibility with water:	Fully miscible.
· pH-value at 20°C:	8.5 - 9.5
· Organic solvents:	0.0 %

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:** Harmful gases/vapours.

11 Toxicological information

· **Acute toxicity:**

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

Oral LD50 > 5000 mg/kg (rat)

· **Primary irritant effect:**

· **on the skin:** No irritant effect (Data for analougus product from literature).

· **on the eye:** No irritant effect (Data for analougus product from literature).

· **Sensitization:** No sensitizing effect known (Data for analous from literature).

· **Additional toxicological information:**

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

The substance is not subject to classification according to the latest version of the EU lists.

12 Ecological information

· **Information about elimination (persistence and degradability):**

The pigment is almost insoluble in water and therefore it is not bioavailable. The other components in the product are biodegradable within 28 days (50-55%) tested with analogous product.

· **Ecotoxicological effects:**

· **Other information:**

AOX-Indication:

The product doesnot contains chlorine.

Heavy metals:

The possible content of solubable heavy metals as microcontaminants are typical below 25 ppm for each of the following:

Antiomny, Arsenic, Chromium, Lead, Cadmium, Mercury, Nickel, Selenium, Zinc.

Barium < 100 ppm.

Copper:

The product does not contain copper.

Aromatic Amines:

The content is below 500 ppm.

· **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

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Do not allow undiluted product or large quantities of it 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 substance is not subject to classification according to EU lists and other sources of literature known to us.
- **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:** Hr. Ehrle