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

- **Product details**
- **Trade name:** Supron®-Blau B
- **Article number:** 157071
- **Application of the substance / the preparation**  
Industry sector: *Plast Industry and Textile Industry.*  
Use: *Colorant/Organic Pigment for polymer dispersions.*
- **Manufacturer/Supplier:**  
Weserland GmbH  
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- **Further information obtainable from:**  
*Quality / environment department, Mr. Ehrle, email: [ehrle@weserland.eu](mailto: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:** *Not applicable.*
- **Information concerning particular hazards for human and environment:** *Not applicable.*

**3 Composition/information on ingredients**

- **Chemical characterization:**
- **CAS No. Description**  
*147-14-8 C.I. Pigment Blue 15:1, C.I. 74160 (principal pigment).*
- **Identification number(s) EINECS-No.:** *205-685-1 (P.B.: 15:1)*
- **Additional information:** *Water based pigment dispersion containing dispersing agent.*

**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:**  
*If swallowed, rinse mouth with water (only if the person is conscious).*  
*If symptoms persist consult doctor.*

**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 dry and cool, protect from frost.  
+5 - +30°C
- **Storage class:** No data.

## \* 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:**



Protective gloves

- **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:**  
Goggles recommended during refilling  
Tightly sealed goggles  
(EN 166)
- **Body protection:**  
Protective work clothing  
(EN 344)

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## 9 Physical and chemical properties

### · General Information

**Form:** Pasty  
**Colour:** Blue  
**Odour:** Ammonia-like

### · Change in condition

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

· **Flash point:** > 100°C

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

· **Density at 20°C:** ~ 1.2 g/cm<sup>3</sup>

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

· **pH-value at 20°C:** 8.5 - 9.5

### · Solvent content:

**Organic solvents:** 0.0 %  
**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.

## 11 Toxicological information

### · Acute toxicity:

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

Oral	LD50	> 5000 mg/kg (rat)
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### · Primary irritant effect:

- **on the skin:** Not irritant (data from literature).
- **on the eye:** Not irritant (data from literature).
- **Sensitization:** No sensitizing effect known (Data 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):

Degree of eliminatioin

The pigment is almost insoluble in water and therefore it is not bioavailable.

It is propable that the product can be eliminated/removed from the sewage by mechanical/biological treatment.

### · Ecotoxicial effects:

#### · Remark:

AOX-Indication:

The pigment does not contain chlorus.

Heavy metals:

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

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*the following:**Antimony, Arsenic, Chromium, Lead, Cadmium, Mercury, Nickel, Selenium, Zinc.**Copper:**The product contains approx. 4,5 % organic bounded copper as part of the pigment molecule. The content of free copper (ionic copper) is ~ 100 ppm.**• General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly 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.
- **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: -**• 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:**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 / env. dept.**• Contact:**Mr. Ehrle, email [ehrle@weserland.eu](mailto:ehrle@weserland.eu)**ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)**RID: Règlement internationale concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)**IMDG: International Maritime Code for Dangerous Goods**IATA: International Air Transport Association**IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)**ICAO: International Civil Aviation Organization**ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)**CAS: Chemical Abstracts Service (division of the American Chemical Society)**VOC: Volatile Organic Compounds (USA, EU)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**• \* Data compared to the previous version altered.*