

Product: Binder 8814

Print Date:

Revision on: 15.06.2001

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1 IDENTIFICATION OF SUBSTANCE

- Product details
- Trade name: Binder 8814
- Article number: 1010180
- Manufacturer/Supplier:
DLH-LEDERTECHNIK GmbH
Floridsdorfer Hauptstr. 29
A-1210 Vienna/Austria
Phone: +43-1-278 13 57
Fax: +43-1-278 13 57-9
e-mail: dlh@dlh.at
- Informing department: Product Safety Department

2 COMPOSITION/DATA ON COMPONENTS:

- Chemical characterisation
Aqueous dispersion of a carboxylated butadiene-styrene-acrylonitrile-copolymer
Hazardous ingredients: ---

3 HAZARDS IDENTIFICATION

none

4 FIRST AID MEASURES

- General information: ---
- Inhalation
May cause dizziness or headache. Remove to fresh air.
- Skin contact
Skin irritation may be caused by direct and prolonged contact. Wash with water and soap carefully.
- Eye contact
May cause temporary irritation. Wash out with plenty of water. If irritation persists seek medical attention
- Ingestion
Seek immediate medical attention.

5 FIRE FIGHTING MEASURES

The product is an aqueous dispersion and is not combustible.

6 ACCIDENTAL RELEASE MEASURES

- Personal precautions:
Refer to Section 8.
- Environmental precautions:
Prevent the product from entering soil, natural waters and drains.
- Methods of cleaning up/Absorption:
Large spillages should be contained and pumped into a receiving vessel.
Small spillages should be absorbed on inert absorbant (sand, sawdust diatomite).
For disposal methods refer to Section 13.

7 HANDLING AND STORAGE

- Handling:
No special precautions needed with normal housekeeping.
- Storage:
Protect from frost and direct sunlight.
Store between +5 and +35°C.
Do not use storage be regularly cleaned and sterilised at least annually to prevent accumulation of micro-organisms.
Observe safe tank entry procedures.
Detailed advice on storage systems can be provided.

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8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Advice for technical equipment:
Provide good general ventilation in the workplace.
Were the product is dried or sprayed local extraction is recommended.
- Exposure Controls:
The product contains low levels of volatile organic compounds which may evaporate during application and drying.
Also a small quantity of ammonia has to be considered.
- Personal protection:
- Respiratory protection:
In poor ventilation, eg. Inside storage tanks or when spraying without proper extraction, wear a suitable respirator.
- Hand protection: For frequent contact wear impermeable gloves.
- Eye protection: Goggles, face visor or safety glasses advised.
- Skin Protection: If there is a risk of severe splashing, wear waterproof overalls.

9 PHYSICAL AND CHEMICAL PROPERTIES:

- Form: ---
- Colour: ---
- Odour: characteristic
- Change in physical state:
Melting point: about 0 °C
Boiling point: about 100 °C
- Density: 20°C 1,0 g/cm³ DIN 51757
- Vapour pressure: 20°C 23 hPa
- Viscosity: 20°C 10-250 mPas Brookfield
- Solubility in water: Insoluble but miscible in all proportions.
- pH-value: at 20°C 6 - 7
- Flash point: --- °C
- Flammability: --- °C
- Explosion limit:
lower: --- Vol%
upper: --- Vol%
- Further information: ---

10 STABILITY AND REACTIVITY

The product is stable under recommended storage conditions.

11 TOXICOLOGICAL INFORMATION

Long term experience of this product type storage no danger to health when properly handled under industrial conditions.

12 ECOLOGICAL INFORMATION:

The product is not classified as Dangerous to the Environment according to EC Directive 93/21/EEC.

- Degradability and Persistence:
- Chemical Oxygen Demand (COD): 1.160 g/l
- Biochemical Oxygen Demand (BOD-5; 0,1% conc.): 250 mg/l
- Elimination of dissolved Organic Carbon: 97% after 2 days
OECD Inherent biodegradability; modified Zahn-Wellens-Test
- Behavior in Ecological Compartments: not applicable
- Inhibition of Bacterial Growth (DIN 20310) > 125 g/l
- Acute Fish Toxicity: 1.000 mg/l (LC50, golden orfe, 48hr)
- Additional Advice:
These ecological data are typical values generated from a prototype of this product.
Long term experience with the product when used as agreed indicates no ecological damage.

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13 DISPOSAL CONSIDERATIONS

The product and waste water containing product should not be discharged directly into drains and waterways without treatment. The polymer content may be separated in a suitable coagulation and purification plant. Details available on request.

Disposal of the product, solid waste and packaging should always comply with local, national or EU regulations and be undertaken by an authorised contractor.

- German Waste Code Number: Plastic dispersion: 57303

14 TRANSPORT INFORMATION

- RID/ADR:
- IATA:
- IMO:

15 REGULATORY INFORMATION

- Symbol:
- Contain:
- R-phrases:
- S-phrases:
- Water hazard class:
Class 1 (self-assessment): slightly hazardous for water

16 FURTHER INFORMATION:

This information is based on our present level of knowledge and relates to the product in the state in which it is delivered and does not guarantee any particular properties. This safety data sheet is drawn up by electronic data processing and is valid without signature.