

Product: Polyton Top 815

Print Date:

Revision on: 15.06.2001

Page 1 of 2

1 IDENTIFICATION OF SUBSTANCE

- Product details
- Trade name: Polyton Top 815
- Article number: 1010510
- 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
Dispersion of anionic polyurethanes in aqueous solution
- Hazardous components:

Chemical name	CAS No.	Concentration % by weight	R-Phrases	Danger Symbol
N-methyl-2-pyrrolidone	872-50-4	<5	36/38	Xi
Triethylamine	121-44-8	<1	35, 11, 20/21/22	C-F
- Risk phrases:
 - R 11 Highly flammable
 - R 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
 - R 35 Causes severe burns
 - R 36/38 Irritating to eyes and skin

3 HAZARDS IDENTIFICATION

The product hasn't particular danger during the manipulation, a prolunger skin contact could give a slight irritation, please wash abundantly with soap and water. Please use regulations of Industrial health.

4 FIRST AID MEASURES

- Cases in General:
No special measures required.
- Inhalation
Remove from exposure to fresh air immediately. If not breathing give artificial respiration. Get medical aid immediately.
- Skin contact
Immediately flush skin with plenty of water for least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.
- Eye contact
Immediately flush eyes with plenty of water for least 15 minutes. Get medical advice.
- Ingestion
Get medical advice aid immediately and show this file-card.

5 FIRE FIGHTING MEASURES

- Fire extinguishing means:
Water spray, carbon dioxide, land or foam, dry chemical
- not to be used:
Do not use straight streams of water.
- Special protective equipment for firefighters:
Use self-contained breathing apparatus and protective clothing.

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Revision on: 15.06.2001

Page 2 of 2

6 ACCIDENTAL RELEASE MEASURES

Avoid runoff into storm sewers and ditches which lead to waterways. Wear a self contained breathing apparatus and appropriate personal protection. Scoop up with a nonsparking tool, then place into a suitable container for disposal. Remove all sources of ignition. Absorb spill using an absorbent, non combustible material such as earth, sand. Provide ventilation.

7 HANDLING AND STORAGE

- Handling:
Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin and clothing. Keep container tightly closed. Avoid contact with heat, sparks and flame. Avoid ingestion and inhalation.
- Storage:
Keep container tightly closed. Store in a cool, dry, well ventilated area away from incompatible substances.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

- Respiratory protection: Dust respirator, if dusting condition exist
- Skin protection: Wear impervious protective clothing, including boots and gloves
- Hand protection: Wear appropriate protective gloves to prevent skin exposure
- Eye protection: Use chemical safety goggles or a full face shield

- Exposure limits:

<u>Chemical Name</u>	<u>TLV-TWA</u>	<u>STEL</u>
Triethylamine	10 ppm	15 ppm

9 PHYSICAL AND CHEMICAL PROPERTIES:

- Form: liquid
- Colour: ---
- Odour: ---
- Change in physical state:
 - Melting point: --- °C
 - Boiling point: about 100 °C
 - Pour point: --- °C
- Density: 25°C 1,04 gr/cm³ DIN 51757
- Mass: --- kg/m³
- Vapour pressure: 25°C --- mbar
- Danger of explosion: ---
- Viscosity: 25°C --- cps
- Solubility in water: soluble
- pH-value: 8 - 9
- Flash point: --- °C
- Ignition temperature: --- °C
- Freezing point: about 0 °C
- Explosion limit:
 - lower: --- Vol%
 - upper: --- Vol%
- Thermal decomposition: ---
- Further information: ---

10 STABILITY AND REACTIVITY

- Conditions to avoid: ---
- Materials to avoid: ---
- Dangerous reactions: Null in normal condition
- Hazardous decomposition products: Carbon monoxide, carbon dioxide, azote oxides

Product: Polyton Top 815

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Revision on: 15.06.2001

Page 3 of 2

11 TOXICOLOGICAL INFORMATION

- Acute toxicity:

Triethylamine	DL50 oral	460 mg/kg
	DL50 skin (rabbit)	570 mg/kg
N-methyl-2-pyrrolidone	DL50 oral	3914 mg/kg
	DL50 skin (rabbit)	8 g/kg
- Skin contact: ---
- Eye contact: May cause eye irritation.
- Ingestion: Get medical aid immediately.
- Inhalation: ---

12 ECOLOGICAL INFORMATION:

None

13 DISPOSAL CONSIDERATIONS

Diposal of container and unused contents in accordance with federal, state and local requirements.

14 TRANSPORT INFORMATION

- | | | | |
|-----------------------|-------------|------------|-------------|
| • GGVS/See/IMDG-Code: | unregulated | UN-Number: | unregulated |
| • GGVE/GGVS: | unregulated | RID/ADR: | unregulated |
| • ICAO/IATA-DGR: | unregulated | ADNR: | unregulated |
| • Others: | --- | | |

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.