

Safety Data Sheet (91/155/EEC)

B. Braun Melsungen AG

Revision date: 04.02.2004 No.: 1,00

STABIMED

00047-0204

1. Identification of the substance/preparation and company

1.1 Commercial product name

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Use of the substance/preparation

Instrument disinfectant

1.2 Information manufacturer/supplier

B. Braun Melsungen AG

Carl-Braun-Straße 1

D-34212 Melsungen

Contact person : Zentralbereich Zentrale Logistik Telephone : ++49 (0) 5661-714523

Inquiry office : GBK Gefahrgut Büro GmbH, Ingelheim

Emergency telephone number : +49+6132-84463

2. Composition/information on ingredients

Chemical characterization : (preparation)

Aqueous surfactants solution

Hazardous components

(Full text of each relevant R phrase can be found in heading 16)

| EC No. | CAS No. | Components | Value | Symbols | R-phrases |
|-----------|-----------|-------------------------------------|-----------|----------|-----------|
| 200-746-9 | 71-23-8 | propan-1-ol | 5 - 15 % | F, Xi | R11-41-67 |
| 225-768-6 | 5064-31-3 | nitrilotriacetic acid trisodiumsalt | < 3 % | Xn, Xi | R22-36 |
| | | non-ionic tensides | 15 - 30 % | Xn, Xi | R22-36/38 |
| 226-902-6 | 5538-95-4 | laurylpropylene diamine | 20 % | C, Xn, N | R22-35-50 |

3. Hazards identification

Symbols : Corrosive

R-phrases :

Flammable.

Harmful if swallowed.

Causes severe burns.

4. First aid measures

General information

Remove contaminated soaked clothing immediately.

If you feel unwell, seek medical advice.

After inhalation

Move to fresh air in case of accidental inhalation of vapours.

In the event of symptoms refer for medical treatment.

After contact with skin

Wash off immediately with soap and plenty of water.

Treat subsequently with skin cream.

Consult a physician.

Safety Data Sheet (91/155/EEC)

B. Braun Melsungen AG

Revision date: 04.02.2004 No.: 1,00

STABIMED

00047-0204

After contact with eyes

Rinse immediately with plenty of water, also under the eyelids.

Summon a doctor immediately.

After ingestion

Induce vomiting only upon the advice of a physician.

Drink plenty of water.

Do not induce vomiting.

Summon a doctor immediately.

5. Fire-fighting measures

Suitable extinguishing media

Alcohol-resistant foam, dry chemical, carbon dioxide (CO₂), water-spray

Extinguishing media that must not be used for safety reasons

Full water jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

Fire may produce:

Carbon monoxide (CO), carbon dioxide (CO₂) and nitrogen oxides (NO_x)

Special protective equipment for firefighters

Use breathing apparatus with independent air supply.

Additional information

Cool containers at risk with water spray jet.

6. Accidental release measures

Personal precautions

In case of vapour formation use respirator.

Ensure adequate ventilation.

Use personal protective clothing.

Keep away sources of ignition.

Environmental precautions

Do not discharge into surface waters/groundwater.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Shovel into suitable container for disposal.

7. Handling and storage

7.1 Handling

Advice on safe handling

Keep container tightly closed.

Use only in thoroughly ventilated areas.

Avoid contact with skin, eyes and clothing.

Safety Data Sheet (91/155/EEC)

B. Braun Melsungen AG

Revision date: 04.02.2004 No.: 1,00

STABIMED

00047-0204

Advice on protection against fire and explosion

Keep away from open flames, hot surfaces and sources of ignition.

Vapour/air mixture is explosive, even in empty uncleaned receptacles.

Do not smoke.

7.2 Storage

Requirements for storage rooms and vessels

Keep containers tightly closed in a dry, well-ventilated place.

Advice on storage compatibility

Incompatible with strong acids and oxidizing agents.

Further information on storage conditions

Keep away from food, drink and animal feeding stuffs.

Storageclass (VCI): 3 A

8. Exposure controls/personal protection

8.1 Exposure limit values

Exposure limits (EH40)

| Components CAS No. | Exposure limit ml/m ³ | mg/m ³ | F/ml | Category | Origin |
|------------------------|-------------------------------------|-------------------|------|----------------------------|------------|
| Propan-1-ol 71-23-8 | 200 250 | 500 625 | | TWA (8 h) STEL (15 min) | OES OES |

8.2 Exposure controls

Occupational exposure controls

Ensure adequate ventilation, especially in confined areas.

Protective and hygiene measures

Do not inhale vapours.

Wash hands before breaks and immediately after handling the product.

When using, do not eat, drink or smoke.

Avoid contact with skin, eyes and clothing.

Remove and wash contaminated clothes before re-use.

Respiratory protection

In case of insufficient ventilation wear suitable respiratory equipment (gas filter type A).

Hand protection

Gloves made of nitrile (i. e. "Manufix free", B. Braun Melsungen AG)

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection

Eye wash bottle with pure water

Tightly fitting goggles

Body protection

Long sleeved clothing.

Safety Data Sheet (91/155/EEC)

B. Braun Melsungen AG

Revision date: 04.02.2004 No.: 1,00

STABIMED

00047-0204

12. Ecological information

Additional information

hazard to waters

Product is not allowed to be discharged into aquatic environment.

13. Advice on disposal

Dispose

Where possible recycling is preferred to disposal.

Can be incinerated, when in compliance with local regulations.

Waste disposal number of Waste from residues / unused product : 070699

WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

14. Transport information

14.1 Land transport (ADR/RID)

| | |
|----------------------|-------|
| ADR/RID: | 8 |
| Hazard-no.: | 83 |
| UN number: | 2920 |
| Hazard label: | 8 + 3 |
| ADR packaging group: | II |

Description of the goods:

CORROSIVE LIQUID, FLAMMABLE, N.O.S. (laurylpropylene diamine, propan-1-ol)

Remarks

"LQ 22: combination packaging: 1 l / 4 l; trays: 0,5 l / 4 l (20 kg total gross mass)"

14.2 Inland waterways transport

14.3 Marine transport

| | |
|-------------------|----------|
| IMDG-Code: | 8 |
| UN number: | 2920 |
| EMS: | F-E; S-C |
| Packaging group: | II |
| Marine pollutant: | No |

Description of the goods

CORROSIVE LIQUID, FLAMMABLE, N.O.S. (laurylpropylene diamine and propan-1-ol)

| | |
|---------------|-------|
| Hazard label: | 8 + 3 |
|---------------|-------|

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14.4 Air transport

ICAO/IATA-DGR: 8
UN/ID number: 2920
Hazard label: 8 + 3

IATA-packing instructions - passenger: 808
IATA-max. quantity - passenger: 1 L
IATA-packing instructions - Cargo: 820
IATA-max. quantity - Cargo: 30 L

ICAO-packaging group: II

Description of the goods

CORROSIVE LIQUID, FLAMMABLE, N.O.S. (laurylpropylene diamine and propan-1-ol, solution)

14.5 Further Information

15. Regulatory information

15.1 Labelling

Indication of danger

C - Corrosive

Labelling according to EC-guidelines

According to EC-regulations the product is to be labelled as follows:

Hazardous component(s) to be indicated on label

laurylpropylene diamine

R phrases

10-22-35

Flammable.

Harmful if swallowed.

Causes severe burns.

S phrases

26-36/37/39-45

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

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

In case of accident or if you feel unwell, seek medical advice immediately. (show the label where possible)

15.2 National regulations

Water contaminating class: 2 - water contaminating

1999/13/EC (VOC): 5 - 15 %

16. Other information

List of relevant R phrases

10 Flammable.
11 Highly flammable.
22 Harmful if swallowed.
35 Causes severe burns.
36 Irritating to eyes.
41 Risk of serious damage to eyes.
50 Very toxic to aquatic organisms.

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67 Vapours may cause drowsiness and dizziness.
36/38 Irritating to eyes and skin.

Other data

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"
