

Version: 1 Version date: 01/05/2023 Language: EN According to the Inspection Procedures for the Hazard Communication Standard (HCS 2012) Regulation

Safety Data Sheet





Precautionary Statements - Prevention

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

Precautionary Statements - Response

P314 Get medical advice/attention if you feel unwell.

Precautionary Statements - Disposal

P501 Dispose of contents/container to

5 Composition/information on ingredients

3.2 Mixtures

In accordance with the product knowledge, no nanomaterials have been identified.

| | Substance | Concentration (%) | Specific concentration limits | Classification | |
|--------------------------|--------------|----------------------|-------------------------------------|----------------|-------------------------|
| N,N-dimethyl-p-toluidine | | | | | |
| CAS N° | 99-97-8 | C≤ 1.041% | | H301 | Acute Tox. 3 ORAL |
| EC N° | 202-805-4 | 1 2 2 2 | | H311 | Acute Tox. 3 DERMAL |
| IDX N° | 612-056-00-9 | | | H331 | Acute Tox. 3 INHALATION |
| | | | | H373 | STOT RE 2 |

Remark

Full text of H- phrases: see section 16.

4 First aid measures

4.1 Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Following inhalation:

Remove person to fresh air and keep comfortable for breathing.

Following skin contact:

Wash with soap and water.

Following eye contact:

In case of eye irritation consult an ophthalmologist. Rinse immediately carefully and thoroughly with eye-bath or water.

Following ingestion:

Never give anything by mouth to an unconscious person or a person with cramps. IF SWALLOWED: Rinse mouth.

Do NOT induce vomiting.

Self-protection of the first aider:

First aider: Pay attention to self-protection!.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor:

Treat symptomatically.



5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:

Foam. Extinguishing powder. Carbon dioxide (CO2). Sand. **Unsuitable extinguishing media:** Strong water jet.

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information

Do not inhale vapors and fumes.

Co-ordinate fire-fighting measures to the fire surroundings.

Move undamaged containers from immediate hazard area if it can be done safely.

Use caution when applying carbon dioxide in confined spaces. carbon dioxide can displace oxygen.

Use water spray jet to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

b Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protection equipment. Remove persons to safety.

6.2 Environmental precautions

Ensure that waste is collected and contained. Contain leaks or spills within cabinets with removable trays.

6.3 Methods and material for containment and cleaning up

Treat the recovered material as prescribed in the section on waste disposal. Collect in closed and suitable containers for disposal. Clean contaminated objects and areas thoroughly observing environmental regulations. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Wipe up with absorbent material (eg. cloth, fleece).

6.4 Reference to other sections

Safe handling: see section 7. Disposal: see section 13. Personal protection equipment: see section 8.

Additional information

Not available

7 Handling and Storage



PROTECTIVE MEASURES:

Avoid contact with skin, eyes and clothes. **Advices on general occupational hygiene:** Wash hands before breaks and after work.

Remove contaminated, saturated clothing.

7.2 Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry, cool, and well-ventilated place. Keep container in upright position in order to prevent leakage.

Advice on joint storage:

Keep away from food, drink and animal feedingstuffs.

7.3 Specific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8 Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits:

Does not contain substances above concentration limits fixing an occupational exposure limit.

Biological limit values:

Not available

Exposure limits at intended use: Not available

Remark:

Not available

8.2 Exposure controls

Appropriate engineering controls:

Technical measures and the application of suitable work processes have priority over personal protection equipment. **Individual protection measures, such as personal protective equipment:**





9 Physical and chemical Properties

9.1 Information on basic physical and chemical properties

| Physical state | : | Liquid |
|---|---|---------------|
| Colour | : | Not available |
| Odour | : | Not available |
| рН | : | Not available |
| Melting point/freezing point | : | Not available |
| Initial boiling point and boiling range | : | 100°C |
| Flash point | : | 10°C |
| Flammability | : | Not available |
| Upper/lower flammability or explosive | : | Not available |
| limits | | |
| Vapour pressure | : | Not available |
| Vapour density | : | 3.6 |
| Relative density | : | Not available |
| Solubility(ies) | : | Not available |
| Partition coefficient n-octanol/water | : | Not available |
| (log value) | | |
| Auto-ignition temperature | : | 421°C |
| Decomposition temperature | : | Not available |
| Kinematic viscosity | : | Not available |
| Solubility in other Solvents | : | Not available |
| Log Kow | : | 1.38 |
| Particle characteristics | : | Not available |
| | | |

9.2 Other safety information

Information concerning to the classes of physical hazards Not available Other security characteristics Not available

10 Stability and Reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

Does not decompose when used for intended uses. Additional information



Not available

11 Toxicological information 11.1 Information on toxicological effects Acute oral toxicity: The product is not classified. Data for mixture: Not available Substances: Not available Acute dermal toxicity: The product is not classified. Data for mixture: Not available Substances: Not available Acute inhalation toxicity: The product is not classified. Data for mixture: Not available Substances: Not available Skin corrosion/irritation: The product is not classified. Data for mixture: Not available Substances: Not available Serious eye damage/irritation: The product is not classified. Data for mixture: Not available Substances: Not available **Skin sensitisation:** The product is not classified. Data for mixture: Not available Substances: Not available Specific target organ toxicity (repeated exposure): The product is classified STOT RE 2 according to the referenced regulation. May cause damage to organs through prolonged or repeated exposure. Data for mixture: Not available Substances: Not available Specific target organ toxicity (single exposure): The product is not classified. Data for mixture:

Not available



Substances: Not available **Carcinogenicity:** The product is not classified. Data for mixture: Not available Substances: Not available **Reproductive toxicity:** The product is not classified. Data for mixture: Not available Substances: Not available Germ cell mutagenicity: The product is not classified. Data for mixture: Not available Substances: Not available Sensitisation to the respiratory tract: The product is not classified. Data for mixture: Not available Substances: Not available **Additional information:** Not available

12 Ecological information

12.1 Toxicity

Based on available data, the classification criteria are not met. Data for mixture: Not available Substances: Not available

12.2 Persistence and degradability

The product has not been tested. Data for mixture: Not available Substances: Not available

12.3 Bioaccumulative potential

The product has not been tested. Data for mixture: Not available Substances: Not available

12.4 Mobility in soil

The product has not been tested.



Data for mixture: Not available Substances: Not available

12.5 Results of PBT and vPvB assessment

According to Regulation (EU) 1907/2006, no substances are assessed as PBT or vPvB.

12.6 Endocrine disrupting properties

According to Regulation (EU) 2017/2100 or Regulation (EU) 2018/605, no substances are known to have endocrine disrupting properties.

12.7 Other adverse effects

Not available

Additional ecotoxicological information

Not available

13 Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal: Waste treatment options:

Appropriate disposal/Product:

Waste requiring special supervision. Dispose of waste according to applicable legislation. Delivery to an approved waste disposal company.

Appropriate disposal/Package:

Non-contaminated packages must be recycled or disposed of. Contaminated packing must be completely emptied and can be reused after proper cleaning. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself. Dispose of waste according to applicable legislation. **Remark:** For recycling, contact manufacturer.

Collect the waste separately.

Consult the appropriate authorities about waste disposal.

Do not mix with other wastes.

The waste is to be kept separate from other types of waste until its disposal.

Concerning the waste it has to be checked, whether a transport authorisation is required.

Additional information

Not available

$^{4}_{1}14$ Transport information

| | | | Inland waterway transport (ADN): | Sea transport (IMDG): | Air transport (ICAO-TI/IATA- DGR): |
|------|--------------------------|----------------------------|-------------------------------------|----------------------------|--|
| 14.1 | UN number: | 1247 | 1247 | 1247 | 1247 |
| 14.2 | UN proper shipping name: | MÉTHACRYLATE DE MÉTHYLE | MÉTHACRYLATE DE MÉTHYLE | MÉTHACRYLATE DE MÉTHYLE | MÉTHACRYLATE DE MÉTHYLE |



| | | MONOMÈRE STABILISÉ | MONOMÈRE STABILISÉ | MONOMÈRE STABILISÉ | MONOMÈRE STABILISÉ |
|------|-----------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| 14.3 | Transport hazard class(es): | | | | |
| | Class or Division: | 3 | 3 | 3 | 3 |
| | Hazard label(s): | * | 8 | * | 3 |
| 14.4 | Packing group: | П | П | П | П |

14.5 Environmental hazards

Not available

- 14.6 Special precautions for user Not available
- 14.7 Bulk shipping according to IMO instruments

Not available

Additional information

Not available

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This SDS has been established in accordance with HazCom 2012.

US State Regulations:

| California proposition 65: | | | |
|---|---------|-----------|--|
| Substance | CAS | EC | |
| N,N-dimethyl-p-toluidine | 99-97-8 | 202-805-4 | |
| Toxic Substances Control Act Inventory List (TSCA): | | | |
| Substance | CAS | EC | |
| N,N-dimethyl-p-toluidine | 99-97-8 | 202-805-4 | |
| US State - California Proposition 65: | | | |
| Substance | CAS | EC | |
| N,N-dimethyl-p-toluidine | 99-97-8 | 202-805-4 | |

15.2 Chemical Safety Assessment

Not available Additional information

Not available

16 Other information

Indication of changes

Not applicable (first edition of the MSDS).



Abbreviations and acronyms

CAS: Chemical Abstract Service Number. IATA: International Air Transport Association. IMDG: International Maritime Dangerous Goods Code. DPD Dangerous Preparation Directive. UN number: United Nations number. No EC: European Commission Number. DOT: Department of Transportation. HCS/HazCom: Hazard Communication.

Key literature references and sources for data

No data available.

The classification of the mixture is in accordance with the evaluation method described in HazCom 2012

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| H301 | Acute Tox. 3 ORAL | Toxic if swallowed. |
|------|-------------------------|---|
| H311 | Acute Tox. 3 DERMAL | Toxic in contact with skin. |
| H331 | Acute Tox. 3 INHALATION | Toxic if inhaled. |
| H373 | STOT RE 2 | May cause damage to organs through prolonged or repeated exposure |

Training advice

Refer to Sections 4, 5, 6, 7 and 8 of this safety data sheet. Additional information

Creation date: 01/05/2023 Version date: 01/05/2023 Printing date: 02/05/2023

The information given in this Safety Data Sheet is based on our present knowledge and on European and national regulations. This Safety Data Sheet describes safety requirements relative to identified uses, it doesn't guarantee all the product properties particularly in the case of non identified uses. The product mustn't be used for any uses other than those identified under heading 1. Since the user's working conditions are not known by us, it is the responsability of the user to take all necessary measures to comply with legal requirements for specific uses and avoid negative health effects.