

BIMAX® MAN

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
 Issue date: 2/13/2026 Version: 1.0

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

| | |
|--------------------|--|
| Product form | : Substance |
| Substance name | : BIMAX® MAN |
| Chemical name | : METHACRYLIC ANHYDRIDE |
| EC-No. | : 212-084-8 |
| CAS-No. | : 760-93-0 |
| Product code | : 9020A |
| Formula (Override) | : C8H10O3 |
| Synonyms | : 2-PROPENOIC ACID, 2-METHYL-, ANHYDRIDE |
| Product group | : Trade product |

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

| | |
|------------------------------|---|
| Use of the substance/mixture | : Laboratory chemicals Manufacture of substances |
|------------------------------|---|

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

GELEST, INC.
 158 Industrial Road
 17327 Glen Rock, PA
 USA
 T 717-227-1774, F 717-227-1775 (M-F): 8:00 AM - 5:30 PM EST
CS-Gelest@m-chem.com, www.gelest.com

1.4. Emergency telephone number

Emergency number : CHEMTREC: 1-800-424-9300 (USA); +1 703-527-3887 (International)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

| | |
|--|------|
| Acute toxicity (oral), Category 4 | H302 |
| Acute toxicity (inhalation:dust,mist) Category 4 | H332 |
| Skin corrosion/irritation, Category 2 | H315 |
| Serious eye damage/eye irritation, Category 1 | H318 |
| Skin sensitisation, Category 1 | H317 |
| Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation | H335 |
| Full text of H- and EUH-statements: see section 16 | |

Adverse physicochemical, human health and environmental effects

Harmful if inhaled. Harmful if swallowed. May cause respiratory irritation. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP)



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| | | |
|--------------------------------|---|-------|
| | GHS05 | GHS07 |
| Signal word (CLP) | : Danger | |
| Hazard statements (CLP) | : H302+H332 - Harmful if swallowed or if inhaled. H315 - Causes skin irritation. H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage. H335 - May cause respiratory irritation. | |
| Precautionary statements (CLP) | : P261 - Avoid breathing fume, mist, spray, vapours. P302+P352 - IF ON SKIN: Wash with plenty of soap and water. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor. P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P405 - Store locked up. | |

2.3. Other hazards

Other hazards which do not result in classification : Hazardous polymerization may occur.

Contains no PBT and/or vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

| | |
|---------|--------------|
| Name | : BIMAX® MAN |
| CAS-No. | : 760-93-0 |
| EC-No. | : 212-084-8 |

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|-----------------------|---|------|---|
| Methacrylic Anhydride | CAS-No.: 760-93-0 EC-No.: 212-084-8 | > 97 | Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 STOT SE 3, H335 |
| Methacrylic acid | CAS-No.: 79-41-4 EC-No.: 201-204-4 EC Index-No.: 607-088-00-5 | < 3 | Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335 |

Specific concentration limits:

| Name | Product identifier | Specific concentration limits |
|------------------|---|-------------------------------|
| Methacrylic acid | CAS-No.: 79-41-4 EC-No.: 201-204-4 EC Index-No.: 607-088-00-5 | (1 ≤ C ≤ 100) STOT SE 3; H335 |

Full text of H- and EUH-statements: see section 16

3.2. Mixtures

Not applicable

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SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------------------------|--|
| First-aid measures general | : Call a poison center or a doctor if you feel unwell. |
| First-aid measures after inhalation | : Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell. |
| First-aid measures after skin contact | : Take off contaminated clothing. Wash immediately with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. |
| First-aid measures after eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately. |
| First-aid measures after ingestion | : Rinse mouth. Call a poison center or a doctor if you feel unwell. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|-------------------------------------|--|
| Symptoms/effects after inhalation | : Harmful if inhaled. May cause respiratory irritation. |
| Symptoms/effects after skin contact | : Irritation. May cause an allergic skin reaction. |
| Symptoms/effects after eye contact | : Serious damage to eyes. |
| Symptoms/effects after ingestion | : Harmful if swallowed. |
| Chronic symptoms | : Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons. |

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--------------------------------|---|
| Suitable extinguishing media | : Dry powder. Foam. Carbon dioxide. |
| Unsuitable extinguishing media | : Water-based extinguishing media should not be used. |

5.2. Special hazards arising from the substance or mixture

| | |
|--|--|
| Fire hazard | : No fire hazard. |
| Explosion hazard | : No direct explosion hazard. |
| Hazardous decomposition products in case of fire | : Toxic fumes may be released. Carbon oxides (CO, CO ₂). |

5.3. Advice for firefighters

| | |
|--------------------------------|---|
| Firefighting instructions | : Fight fire from safe distance and protected location. Do not enter fire area without proper protective equipment, including respiratory protection. |
| Protection during firefighting | : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|------------------|---|
| General measures | : Stop leak if safe to do so. Notify authorities if product enters sewers or public waters. Absorb spillage to prevent material damage. |
|------------------|---|

6.1.1. For non-emergency personnel

| | |
|----------------------|---|
| Protective equipment | : Wear recommended personal protective equipment. |
|----------------------|---|

6.1.2. For emergency responders

| | |
|----------------------|---|
| Protective equipment | : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : Evacuate unnecessary personnel. Stop leak if safe to do so. |

6.2. Environmental precautions

Avoid release to the environment.

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6.3. Methods and material for containment and cleaning up

| | |
|-------------------------|---|
| For containment | : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams. Stop leak without risks if possible. |
| Methods for cleaning up | : Take up liquid spill into absorbent material. |
| Other information | : Dispose of materials or solid residues at an authorized site. |

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|-----------------------------------|---|
| Additional hazards when processed | : Not expected to present a significant hazard under anticipated conditions of normal use. |
| Precautions for safe handling | : Do not allow contact with water. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing fume, mist, spray, vapours. Avoid contact with skin and eyes. |
| Hygiene measures | : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. |

7.2. Conditions for safe storage, including any incompatibilities

| | |
|------------------------|---|
| Storage conditions | : Keep container tightly closed in a dry and well-ventilated place away from heat sources. Store locked up. |
| Incompatible materials | : Water. Oxidizing agents. Bases. |
| Storage temperature | : < 32 °C |
| Packaging materials | : Always store product in container of same material as original container. |

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:

Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:

Wear recommended personal protective equipment.

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8.2.2.1. Eye and face protection

Eye protection:

Chemical goggles or face shield

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Hand protection:

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of inadequate ventilation wear respiratory protection.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---|
| Physical state | : Liquid |
| Colour | : Colorless to pale yellow. |
| Appearance | : Clear. |
| Molecular mass | : 154.17 g/mol |
| Odour | : Not available |
| Odour threshold | : Not available |
| Melting point | : Not applicable |
| Freezing point | : Not available |
| Boiling point | : 87 °C at 13 mmHg |
| Flammability | : Non flammable. |
| Oxidising properties | : Non oxidizing. |
| Explosive limits | : Not available |
| Lower explosion limit | : Not available |
| Upper explosion limit | : Not available |
| Flash point | : 84 °C at 1 atm |
| Auto-ignition temperature | : 345 °C |
| Decomposition temperature | : Not available |
| pH | : 2 – 2.2 Temp.: 20 °C Concentration: (≈)100 g/L (Methacrylic acid) |
| Viscosity, kinematic | : 1.85 mm ² /s at 20 °C |
| Viscosity, dynamic | : ≈ 1.91 mPa·s (calculated) |
| Solubility | : Soluble in water. Water: 98 g/l |
| Partition coefficient n-octanol/water (Log Kow) | : Not available |
| Partition coefficient n-octanol/water (Log Pow) | : 1.23 at 20 °C |
| Vapour pressure | : 0.9 hPa at 20 °C |
| Vapour pressure at 50°C | : Not available |
| Density | : 1.0326 g/cm ³ at 20 °C |
| Relative density | : 1.035 Source: HSDB |
| Relative vapour density at 20°C | : Not available |
| Particle characteristics | : Not applicable |

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

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SECTION 10: Stability and reactivity

10.1. Reactivity

Reacts exothermically with water (moisture).

10.2. Chemical stability

Stable under normal temperatures and pressures. Polymerization can occur at elevated temperatures. Contains the following stabilizer: Topanol A.

10.3. Possibility of hazardous reactions

Hazardous polymerization may occur.

10.4. Conditions to avoid

Heat and light. Moisture.

10.5. Incompatible materials

Water. Oxidizing agents. Bases.

10.6. Hazardous decomposition products

No data available. In the event of fire: see section 5.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Harmful if swallowed.
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Inhalation:dust,mist: Harmful if inhaled.

| Methacrylic Anhydride (760-93-0) | |
|----------------------------------|---|
| LD50 oral rat | 1760 mg/kg Source: ECHA |
| LD50 dermal rabbit | > 5000 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity) |
| LC50 Inhalation - Rat (Vapours) | 7.1 mg/l Source: ECHA |

| Methacrylic acid (79-41-4) | |
|-----------------------------------|--|
| LD50 oral rat | 1320 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 401 (Acute Oral Toxicity) |
| LD50 dermal rabbit | 500 – 1000 mg/kg bodyweight Animal: rabbit, Guideline: other: |
| LC50 Inhalation - Rat | 7.1 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other: |
| LC50 Inhalation - Rat (Dust/Mist) | 7.1 mg/l Source: ECHA |

Skin corrosion/irritation : Causes skin irritation.
pH: 2 – 2.2 Temp.: 20 °C Concentration: (≈)100 g/L (Methacrylic acid)

Serious eye damage/irritation : Causes serious eye damage.
pH: 2 – 2.2 Temp.: 20 °C Concentration: (≈)100 g/L (Methacrylic acid)

| Methacrylic acid (79-41-4) | |
|----------------------------|--|
| pH | 2 – 2.2 Temp.: 20 °C Concentration: (≈)100 g/L |

Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : May cause respiratory irritation.

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STOT-repeated exposure : Not classified

| Methacrylic Anhydride (760-93-0) | |
|---------------------------------------|---|
| LOAEC (inhalation, rat, gas, 90 days) | 350 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study) |
| NOAEC (inhalation, rat, gas, 90 days) | 100 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study) |

| Methacrylic acid (79-41-4) | |
|---------------------------------------|--|
| LOAEC (inhalation, rat, gas, 90 days) | 350 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study) |
| NOAEC (inhalation, rat, gas, 90 days) | 100 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study), Guideline: EPA OPPTS 870.3465 (90-Day Inhalation Toxicity), Guideline: other: |

Aspiration hazard : Not classified

| BIMAX® MAN (760-93-0) | |
|-----------------------|----------------------------------|
| Viscosity, kinematic | 1.85 mm ² /s at 20 °C |

| Methacrylic acid (79-41-4) | |
|----------------------------|--|
| Viscosity, kinematic | ≈ 1.36 mm ² /s Temp.: 'other:' Parameter: 'kinematic viscosity (in mm ² /s)' |

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

| Methacrylic Anhydride (760-93-0) | |
|----------------------------------|---|
| LC50 - Fish [1] | 85 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Crustacea [1] | > 130 mg/l Test organisms (species): Daphnia magna |
| EC50 72h - Algae [1] | 45 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| EC50 72h - Algae [2] | 20 mg/l Test organisms (species): Raphidocelis subcapitata (previous names: Pseudokirchneriella subcapitata, Selenastrum capricornutum) |
| NOEC (chronic) | 53 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC chronic fish | 10 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '35 d' |

| Methacrylic acid (79-41-4) | |
|----------------------------|---|
| LC50 - Fish [1] | 85 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri) |
| EC50 - Crustacea [1] | > 130 mg/l Test organisms (species): Daphnia magna |
| EC50 72h - Algae [1] | 45 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |

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| Methacrylic acid (79-41-4) | |
|----------------------------|---|
| EC50 72h - Algae [2] | 20 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| NOEC (chronic) | 53 mg/l Test organisms (species): Daphnia magna Duration: '21 d' |
| NOEC chronic fish | 10 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio) Duration: '35 d' |

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

| BIMAX® MAN (760-93-0) | |
|---|-------------------|
| Partition coefficient n-octanol/water (Log Pow) | 1.23 at 20 °C |
| Methacrylic acid (79-41-4) | |
| Partition coefficient n-octanol/water (Log Pow) | 0.93 Source: HSDB |

12.4. Mobility in soil

| Methacrylic Anhydride (760-93-0) | |
|----------------------------------|-------------------------|
| Mobility in soil | 14.02 Source: EPI SUITE |

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--|---|
| Regional waste regulation | : Disposal must be done according to official regulations. |
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. |
| Additional information | : Do not re-use empty containers. |

SECTION 14: Transport information






In accordance with ADR / IMDG / IATA / ADN / RID

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| 14.1. UN number or ID number | | | | |
| UN 3265 | UN 3265 | UN 3265 | UN 3265 | UN 3265 |
| 14.2. UN proper shipping name | | | | |
| CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. | Corrosive liquid, acidic, organic, n.o.s. | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. | CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. |

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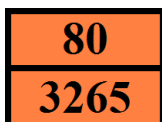
according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| ADR | IMDG | IATA | ADN | RID |
|---|---|---|---|---|
| Transport document description | | | | |
| UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (METHACRYLIC ANHYDRIDE), 8, II, (E) | UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (METHACRYLIC ANHYDRIDE), 8, II | UN 3265 Corrosive liquid, acidic, organic, n.o.s. (Methacrylic anhydride), 8, II | UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (METHACRYLIC ANHYDRIDE), 8, II | UN 3265 CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (METHACRYLIC ANHYDRIDE), 8, II |
| 14.3. Transport hazard class(es) | | | | |
| 8 | 8 | 8 | 8 | 8 |
|  |  |  |  |  |
| 14.4. Packing group | | | | |
| II | II | II | II | II |
| 14.5. Environmental hazards | | | | |
| Dangerous for the environment: No | Dangerous for the environment: No Marine pollutant: No | Dangerous for the environment: No | Dangerous for the environment: No | Dangerous for the environment: No |
| No supplementary information available | | | | |

14.6. Special precautions for user

Overland transport

| | |
|---|---------------|
| Classification code (ADR) | : C3 |
| Special provisions (ADR) | : 274 |
| Limited quantities (ADR) | : 1I |
| Excepted quantities (ADR) | : E2 |
| Packing instructions (ADR) | : P001, IBC02 |
| Mixed packing provisions (ADR) | : MP15 |
| Portable tank and bulk container instructions (ADR) | : T11 |
| Portable tank and bulk container special provisions (ADR) | : TP2, TP27 |
| Tank code (ADR) | : L4BN |
| Vehicle for tank carriage | : AT |
| Transport category (ADR) | : 2 |
| Hazard identification number (Kemler No.) | : 80 |
| Orange plates | : |



Tunnel restriction code (ADR) : E

Transport by sea

| | |
|---------------------------------|--------------------|
| Special provisions (IMDG) | : 274 |
| Limited quantities (IMDG) | : 1 L |
| Excepted quantities (IMDG) | : E2 |
| Packing instructions (IMDG) | : P001 |
| IBC packing instructions (IMDG) | : IBC02 |
| Tank instructions (IMDG) | : T11 |
| Tank special provisions (IMDG) | : TP2, TP27 |
| EmS-No. (Fire) | : F-A |
| EmS-No. (Spillage) | : S-B |
| Stowage category (IMDG) | : B |
| Stowage and handling (IMDG) | : SW2 |
| Segregation (IMDG) | : SGG1, SG36, SG49 |

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Properties and observations (IMDG) : Causes burns to skin, eyes and mucous membranes.

Air transport

PCA Excepted quantities (IATA) : E2
PCA Limited quantities (IATA) : Y840
PCA limited quantity max net quantity (IATA) : 0.5L
PCA packing instructions (IATA) : 851
PCA max net quantity (IATA) : 1L
CAO packing instructions (IATA) : 855
CAO max net quantity (IATA) : 30L
Special provisions (IATA) : A3, A803
ERG code (IATA) : 8L

Inland waterway transport

Classification code (ADN) : C3
Special provisions (ADN) : 274
Limited quantities (ADN) : 1 L
Excepted quantities (ADN) : E2
Carriage permitted (ADN) : T
Equipment required (ADN) : PP, EP
Number of blue cones/lights (ADN) : 0

Rail transport

Classification code (RID) : C3
Special provisions (RID) : 274
Limited quantities (RID) : 1L
Excepted quantities (RID) : E2
Packing instructions (RID) : P001, IBC02
Mixed packing provisions (RID) : MP15
Portable tank and bulk container instructions (RID) : T11
Portable tank and bulk container special provisions (RID) : TP2, TP27
Tank codes for RID tanks (RID) : L4BN
Transport category (RID) : 2
Colis express (express parcels) (RID) : CE6
Hazard identification number (RID) : 80

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)

| Reference code | Applicable on | Entry title or description |
|----------------|---|---|
| 3(b) | BIMAX® MAN ; Methacrylic Anhydride ; Methacrylic acid | Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10 |

REACH Annex XIV (Authorisation List)

Not listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

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PIC Regulation (Prior Informed Consent)

Not listed on the PIC list (Regulation EU 649/2012)

POP Regulation (Persistent Organic Pollutants)

Not listed on the POP list (Regulation EU 2019/1021)

Ozone Regulation (1005/2009)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

Explosives Precursors Regulation (EU 2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

15.1.2. National regulations

Germany

| Air Quality Control (TA Luft) | | | | | |
|-------------------------------|-------|---------------|------------|----------------|-------------------------|
| Category | Class | Applicable on | Local name | Max. mass flow | Max. mass concentration |

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:

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| Abbreviations: ND: Not Determined, No Data; NA: Not Applicable; LD: Lethal Dose; LC: Lethal Concentration; ATE: Acute Toxicity Estimates; H: hour; °: °C unless otherwise stated; mm: millimeters Hg, torr; PEL: permissible exposure level; TWA: time weighted average; TLV: threshold limit value; TG: Test Guideline; NIOSH: National Institute for Occupational Safety and Health; IARC: International Agency for Research on Cancer; NTP: National Toxicology Program; HMIS: Hazardous Material Information System; CAS No.: Chemical Abstract Service Registration Number; EC No.: European Commission Registration Number; EC Index No.: European Commission Index Number; OECD: The Organisation for Economic Co-operation and Development; GHS: The Globally Harmonized System of Classification and Labelling; APF: Assigned Protection Factor |
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Full text of H- and EUH-statements:

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| Acute Tox. 3 (Dermal) | Acute toxicity (dermal), Category 3 |
| Acute Tox. 4 (Inhalation) | Acute toxicity (inhal.), Category 4 |
| Acute Tox. 4 (Inhalation:dust,mist) | Acute toxicity (inhalation:dust,mist) Category 4 |
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Skin Corr. 1A | Skin corrosion/irritation, Category 1, Sub-Category 1A |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| STOT SE 3 | Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation |
| H302 | Harmful if swallowed. |
| H311 | Toxic in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |

BIMAX® MAN

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

| Full text of H- and EUH-statements: | |
|-------------------------------------|-----------------------------------|
| H318 | Causes serious eye damage. |
| H332 | Harmful if inhaled. |
| H335 | May cause respiratory irritation. |

SDS EU (REACH Annex II) - Custom v22

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