

Safety Data Sheet

SB01 Mixing Clear

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(30598833/SDS_GEN_CA/EN)

1. Identification

Product identifier used on the label

SB01 Mixing Clear

Recommended use of the chemical and restriction on use

Recommended use*: for industrial use only

* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

Details of the supplier of the safety data sheet

Company:

BASF Canada Inc.
100 Milverton Drive
Mississauga, ON L5R 4H1, CANADA

Telephone: +1 289 360-1300

Emergency telephone number

CHEMTREC: 1-800-424-9300
BASF HOTLINE: (800) 454-COPE (2673)

Other means of identification

Chemical family: Coating

2. Hazards Identification

According to Hazardous Products Regulations (HPR) (SOR/2015-17)

Classification of the product

| | | |
|-------------------|---|--|
| Eye Dam./Irrit. | 2A | Serious eye damage/eye irritation |
| Skin Sens. | 1 | Skin sensitization |
| STOT SE | 3 (Vapours may cause drowsiness and dizziness.) | Specific target organ toxicity — single exposure |
| Flam. Liq. | 2 | Flammable liquids |
| Skin Corr./Irrit. | 2 | Skin corrosion/irritation |
| STOT SE | 3 (irritating to respiratory system) | Specific target organ toxicity — single exposure |

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Label elements

Pictogram:



Signal Word:
Danger

Hazard Statement:

| | |
|------|--------------------------------------|
| H319 | Causes serious eye irritation. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H225 | Highly flammable liquid and vapour. |
| H336 | May cause drowsiness or dizziness. |
| H335 | May cause respiratory irritation. |

Precautionary Statements (Prevention):

| | |
|------|--|
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P210 | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| P264 | Wash with plenty of water and soap thoroughly after handling. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P242 | Use only non-sparking tools. |
| P241 | Use explosion-proof electrical/ventilating/lighting/equipment. |
| P243 | Take action to prevent static discharges. |
| P233 | Keep container tightly closed. |
| P240 | Ground and bond container and receiving equipment. |
| P272 | Contaminated work clothing should not be allowed out of the workplace. |
| P261 | Avoid breathing dust/fume/gas/mist/vapours/spray. |

Precautionary Statements (Response):

| | |
|--------------------|--|
| P312 | Call a POISON CENTER or doctor/physician if you feel unwell. |
| P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P302 + P352 | IF ON SKIN: Wash with plenty of soap and water. |
| P370 + P378 | In case of fire: Use water spray for extinction. |
| P363 | Wash contaminated clothing before reuse. |
| P362 + P364 | Take off contaminated clothing and wash it before reuse. |
| P321 | Specific treatment (see on this label). |
| P333 + P313 | If skin irritation or rash occurs: Get medical advice/attention. |
| P303 + P361 + P353 | IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. |
| P304 + P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P337 + P313 | If eye irritation persists: Get medical advice/attention. |

Precautionary Statements (Storage):

| | |
|-------------|--|
| P403 + P233 | Store in a well-ventilated place. Keep container tightly closed. |
| P403 + P235 | Store in a well-ventilated place. Keep cool. |
| P405 | Store locked up. |

Precautionary Statements (Disposal):

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P501 Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified

No applicable information available.

3. Composition / Information on Ingredients

According to Hazardous Products Regulations (HPR) (SOR/2015-17)

| <u>CAS Number</u> | <u>Weight %</u> | <u>Chemical name</u> |
|-------------------|-------------------|--|
| 79-20-9 | >= 25.0 - < 50.0% | methyl acetate |
| 136210-30-5 | >= 3.0 - < 5.0% | dicyclohexylmethane-4,4'-bis-(diethyl aspartate) |
| 98-56-6 | >= 25.0 - < 50.0% | 4-chloro- α,α,α -trifluorotoluene |
| 623-91-6 | >= 0.1 - < 0.2% | Fumaric acid diethyl ester |

4. First-Aid Measures

Description of first aid measures

General advice:

Remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air. If breathing difficulties develop, aid in breathing and seek immediate medical attention.

If in eyes:

Flush with copious amounts of water for at least 15 minutes. Hold eyelids open to facilitate rinsing. If irritation develops, seek medical attention. Seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:
carbon dioxide, foam, dry powder

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Unsuitable extinguishing media for safety reasons:
water jet

Special hazards arising from the substance or mixture

Advice for fire-fighters

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:

Remove product from areas of fire, or otherwise cool sealed containers with water in order to avoid pressure build up due to heat.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes. Use antistatic tools. Wear suitable personal protective clothing and equipment. Ensure adequate ventilation.

Environmental precautions

Do not discharge into drains/surface waters/groundwater.

Methods and material for containment and cleaning up

Dike spillage. Place into appropriately labeled waste containers.

7. Handling and Storage

Precautions for safe handling

Handle and open container with care. Use static lines when mixing and transferring material. Do not puncture, drop, or slide containers. Ensure adequate ventilation. Avoid contact with the skin, eyes and clothing.

Protection against fire and explosion:

Use antistatic tools. Exhaust fans should be explosion proof. Avoid all sources of ignition: heat, sparks, open flame. Sealed containers should be protected against heat as this results in pressure build-up.

Conditions for safe storage, including any incompatibilities

Segregate from oxidizing agents. Segregate from incompatible substances.

Further information on storage conditions: Protect from direct sunlight.

8. Exposure Controls/Personal Protection

Components with occupational exposure limits

| | | |
|----------------|-----------|--|
| methyl acetate | OSHA PEL | PEL 200 ppm 610 mg/m ³ ; STEL value 250 ppm 760 mg/m ³ ; TWA value 200 ppm 610 mg/m ³ ; |
| | ACGIH TLV | TWA value 200 ppm ; STEL value 250 ppm ; |

Advice on system design:

Provide local exhaust ventilation to maintain recommended P.E.L.

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Personal protective equipment

Respiratory protection:

Do not exceed the maximum use concentration for the respirator facepiece/cartridge combination.

Hand protection:

Chemical resistant protective gloves

Eye protection:

Wear face shield if splashing hazard exists. Tightly fitting safety goggles (chemical goggles).

Body protection:

Body protection must be chosen based on level of activity and exposure.

General safety and hygiene measures:

Work place should be equipped with a shower and an eye wash. Remove contaminated clothing.

Remove contaminated clothing immediately and clean before re-use or dispose it if necessary.

Contact lenses should not be worn. Hands and/or face should be washed before breaks and at the end of the shift.

9. Physical and Chemical Properties

| | | |
|---|---|--------------|
| Form: | liquid | |
| Odour: | of the solvent contained in the product | |
| Odour threshold: | No applicable information available. | |
| Colour: | cloudy | |
| pH value: | No applicable information available. | |
| Melting point: | No applicable information available. | |
| Boiling range: | 55.80 - 178.89 °C | |
| Sublimation point: | No applicable information available. | |
| Flash point: | -14 °C | |
| Flammability: | No applicable information available. | |
| Lower explosion limit: | 0.90 %(V) | |
| Upper explosion limit: | 16.00 %(V) | |
| Autoignition: | No applicable information available. | |
| Vapour pressure: | No applicable information available. | |
| Density: | 1.0805 g/cm3 | (calculated) |
| | (20 °C) | |
| Relative density: | 1.0805 | |
| | (20 °C) | |
| Vapour density: | No applicable information available. | |
| Partitioning coefficient n-octanol/water (log Pow): | No applicable information available. | |
| Thermal decomposition: | No applicable information available. | |
| Viscosity, dynamic: | No applicable information available. | |
| Viscosity, kinematic: | No applicable information available. | |
| Solubility in water: | No applicable information available. | |
| Solubility (quantitative): | No applicable information available. | |
| Solubility (qualitative): | No applicable information available. | |
| Molar mass: | No applicable information available. | |
| Evaporation rate: | No applicable information available. | |

10. Stability and Reactivity

Reactivity

No applicable information available.

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Chemical stability

Possibility of hazardous reactions

No applicable information available.

Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid electro-static discharge.

Incompatible materials

strong oxidizing agents

Hazardous decomposition products

Thermal decomposition:

No applicable information available.

11. Toxicological information

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic by inhalation. Virtually nontoxic after a single skin contact.

Oral

Type of value: LD50

Species: rat

Value: > 2,000.000000 mg/kg

Inhalation

Type of value: LC50

Species: rabbit

Value: > 49.200000 mg/l

Dermal

Type of value: LD50

Species: rat

Value: > 2,000.000000 mg/kg

Assessment other acute effects

Assessment of STOT single:

Causes temporary irritation of the respiratory tract. Possible narcotic effects (drowsiness or dizziness).

Irritation / corrosion

Assessment of irritating effects: Eye contact causes irritation.

Information on: methyl acetate

Assessment of irritating effects: Not irritating to the skin. Eye contact causes irritation.

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Information on: 4-chloro- α,α,α -trifluorotoluene

Assessment of irritating effects: May cause slight irritation to the skin. Not irritating to the eyes.

Sensitization

Information on: dicyclohexylmethane-4,4'-bis-(diethyl aspartate)

Assessment of sensitization:

Caused skin sensitization in animal studies.

Aspiration Hazard

No applicable information available.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: methyl acetate

Assessment of repeated dose toxicity: After repeated exposure the prominent effect is local irritation. No substance-specific organotoxicity was observed after repeated administration to animals.

Information on: 4-chloro- α,α,α -trifluorotoluene

Assessment of repeated dose toxicity: Repeated exposure to the substance by oral administration leads to effects similar to those found after single exposure. Repeated exposure to the substance by inhalative administration leads to effects similar to those found after single exposure.

May affect the liver and kidneys as indicated in animal studies. Overexposure may cause blood abnormalities.

Carcinogenicity

Assessment of carcinogenicity: No data available concerning carcinogenic effects.

Reproductive toxicity

Information on: methyl acetate

Assessment of reproduction toxicity: The results of animal studies gave no indication of a fertility impairing effect. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

Symptoms of Exposure

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

12. Ecological Information

No applicable information available.

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13. Disposal considerations

Waste disposal of substance:

Do not discharge into drains/surface waters/groundwater.

Must be disposed of or incinerated in accordance with local regulations.

14. Transport Information

Land transport

TDG

Hazard class: 3
Packing group: II
ID number: UN 1263
Hazard label: 3
Proper shipping name: PAINT

Sea transport

IMDG

Hazard class: 3
Packing group: II
ID number: UN 1263
Hazard label: 3
Marine pollutant: NO
Proper shipping name: PAINT

Air transport

IATA/ICAO

Hazard class: 3
Packing group: II
ID number: UN 1263
Hazard label: 3
Proper shipping name: PAINT

15. Regulatory Information

Federal Regulations

Registration status:

Chemical DSL, CA released / listed

NFPA Hazard codes:

Health: 2 Fire: 3 Reactivity: 0 Special:

16. Other Information

SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2019/06/04

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END OF DATA SHEET