



SAFETY DATA SHEET

In accordance with OSHA 29 CFR 1910.1200

BOSTIK(R) BLADECOTE
Revision Number 2

Revision date 15-Feb-2024
Supersedes Date: 18-May-2017

1. Identification

1.1. Product identifier

Product Name BOSTIK(R) BLADECOTE

Other means of identification

Other information Not applicable

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

Recommended use Lubricant
Restrictions on use No information available

1.3. Details of the supplier of the safety data sheet

Responsible Party

Bostik Inc.
11320 W. Watertown Plank Road
Wauwatosa, Wisconsin 53226 USA
Phone: +1(800) 726-7845 (Domestic Toll Free)
Phone: +1 (414) 774-2250 (International)

E-mail msds@bostik.com

1.4. Emergency telephone number

Emergency Telephone CHEMTREC (Chemical Transportation Emergency Center)
Chemtrec: 1-800-424-9300 (US) , 1-703-527-3887 (Outside U.S.)
Rocky Mountain Poison Center: 1-866-767-5089

2. Hazard(s) identification

2.1. Classification of the substance or mixture

| | |
|--|----------------|
| Skin corrosion/irritation | Category 2 |
| Serious eye damage/eye irritation | Category 2 |
| Carcinogenicity | Category 2 |
| Reproductive toxicity | Category 2 |
| Specific target organ toxicity (single exposure) | Category 3 |
| Aspiration hazard | Category 1 |
| Flammable aerosols | Category 1 |
| Gases Under Pressure | Compressed gas |

Hazards not otherwise classified (HNOC)

Not applicable

2.2. Label elements

EMERGENCY OVERVIEW

Danger

Hazard statements

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Causes skin irritation
Causes serious eye irritation
Suspected of causing cancer
Suspected of damaging fertility or the unborn child
May cause drowsiness or dizziness
May be fatal if swallowed and enters airways
Extremely flammable aerosol
Contains gas under pressure; may explode if heated



Appearance Aerosol

Physical state Liquid

Odor Solvent

Precautionary Statements - Prevention

Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Wear protective gloves/protective clothing/eye protection/face protection
Wash face, hands and any exposed skin thoroughly after handling
Avoid breathing dust/fume/gas/mist/vapors/spray
Use only outdoors or in a well-ventilated area
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
Do not spray on an open flame or other ignition source
Pressurized container: Do not pierce or burn, even after use

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention
IF ON SKIN: Wash with plenty of water and soap
If skin irritation occurs: Get medical advice/attention
Take off contaminated clothing and wash it before reuse
IF INHALED: Remove person to fresh air and keep comfortable for breathing
IF SWALLOWED: Immediately call a POISON CENTER or doctor
Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up
Store in a well-ventilated place. Keep container tightly closed
Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
Protect from sunlight

Precautionary Statements - Disposal

Dispose of contents/ container to an approved waste disposal plant

28 % of the mixture consists of ingredient(s) of unknown toxicity

2.3. Other Information

In case of insufficient ventilation and/or through use, the formation of a explosive/highly flammable mixture is possible. May be harmful if swallowed.

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3. Composition/information on ingredients

3.1. Substances

Not applicable.

Mixture

| Chemical name | CAS No. | Weight-% |
|--|-------------|----------|
| Acetone | 67-64-1 | 30 - 60 |
| 2,2,4-Trimethylpentane | 540-84-1 | 10 - 30 |
| Naphtha, petroleum, light alkylate | 64741-66-8 | 1 - <5 |
| 1-Dodecene, polymer with 1-decene and 1-octene, hydrogenated | 163149-28-8 | 1 - <5 |
| 1-Decene, homopolymer, hydrogenated | 68037-01-4 | 1 - <5 |
| Ethylbenzene | 100-41-4 | 0.1 - <1 |
| Tricresyl phosphate | 1330-78-5 | 0.1 - <1 |
| Ethanol | 64-17-5 | 0.1 - <1 |

**The exact percentage (concentration) of composition has been withheld as a trade secret*

4. First-aid measures

4.1. Description of first aid measures

| | |
|---|---|
| General advice | Show this safety data sheet to the doctor in attendance. IF exposed or concerned: Get medical advice/attention. Immediate medical attention is required. |
| Inhalation | Remove to fresh air. Aspiration into lungs can produce severe lung damage. If breathing has stopped, give artificial respiration. Get medical attention immediately. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. If breathing is difficult, (trained personnel should) give oxygen. Get immediate medical attention. Delayed pulmonary edema may occur. |
| Eye contact | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists. |
| Skin contact | In case of contact with liquefied gas, thaw frosted parts with lukewarm water. Wash off immediately with soap and plenty of water for at least 15 minutes. Get medical attention if irritation develops and persists. |
| Ingestion | Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. ASPIRATION HAZARD IF SWALLOWED - CAN ENTER LUNGS AND CAUSE DAMAGE. If vomiting occurs spontaneously, keep head below hips to prevent aspiration. Get immediate medical advice/attention. |
| Self-protection of the first aider | Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. |

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

Symptoms Difficulty in breathing. Coughing and/ or wheezing. Dizziness. May cause redness and

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tearing of the eyes. Burning sensation. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

Effects of Exposure No information available.

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

Note to physicians Because of the danger of aspiration, emesis or gastric lavage should not be employed unless the risk is justified by the presence of additional toxic substances.

5. Fire-fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media Dry chemical. Carbon dioxide (CO₂). Water spray. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Move containers from fire area if you can do it without risk. Damaged cylinders should be handled only by specialists.

Large Fire CAUTION: Use of water spray when fighting fire may be inefficient.

Unsuitable extinguishing media DO NOT EXTINGUISH A LEAKING GAS FIRE UNLESS LEAK CAN BE STOPPED.

5.2. Special hazards arising from the substance or mixture

Specific hazards arising from the chemical Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Cylinders may rupture under extreme heat. Damaged cylinders should be handled only by specialists. Containers may explode when heated. Ruptured cylinders may rocket.

Hazardous combustion products Carbon oxides.

Explosion data

Sensitivity to mechanical impact Yes.

Sensitivity to static discharge Yes.

5.3. Advice for firefighters

Special protective equipment and precautions for fire-fighters As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Contents under pressure. Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers.

Other information Ventilate the area. Refer to protective measures listed in Sections 7 and 8.

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6.2. Environmental precautions

Environmental precautions Prevent entry into waterways, sewers, basements or confined areas. Use water spray to reduce vapors or divert vapor cloud drift. Avoid allowing water runoff to contact spilled material. See Section 12 for additional Ecological Information.

6.3. Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. If possible, turn leaking containers so that gas escapes rather than liquid. A vapor suppressing foam may be used to reduce vapors. Dike far ahead of spill to collect runoff water. Keep out of drains, sewers, ditches and waterways. Allow substance to evaporate. Flood with water to complete polymerization and scrape off floor.

Methods for cleaning up Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

Reference to other sections See section 8 for more information. See section 13 for more information.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling Use personal protection equipment. Handle in accordance with good industrial hygiene and safety practice. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Use spark-proof tools and explosion-proof equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Keep in an area equipped with sprinklers. Do not puncture or incinerate cans. Contents under pressure. In case of rupture. Avoid breathing vapors or mists. Empty containers pose a potential fire and explosion hazard. Do not cut, puncture or weld containers. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Remove contaminated clothing and shoes. Take off contaminated clothing and wash before reuse. In case of insufficient ventilation, wear suitable respiratory equipment.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations. Store in accordance with local regulations. Store locked up. Keep out of the reach of children. Store away from other materials. Keep/store only in original container. Store in a dry place. Store in a closed container.

7.3 References to other sections

Reference to other sections Section 10: STABILITY AND REACTIVITY
Section 13: DISPOSAL CONSIDERATIONS

8. Exposure controls/personal protection

8.1. Control parameters

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Exposure Limits

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

| Chemical name | ACGIH TLV | OSHA PEL | NIOSH |
|------------------------------------|---|--|---|
| Acetone 67-64-1 | TWA: 250 ppm STEL: 500 ppm | TWA: 1000 ppm TWA: 2400 mg/m ³ (vacated) TWA: 750 ppm (vacated) TWA: 1800 mg/m ³ (vacated) STEL: 2400 mg/m ³ The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors. (vacated) STEL: 1000 ppm | IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³ |
| 2,2,4-Trimethylpentane 540-84-1 | TWA: 300 ppm | - | - |
| Ethylbenzene 100-41-4 | TWA: 20 ppm Ototoxicant - potential to cause hearing disorders | TWA: 100 ppm TWA: 435 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 435 mg/m ³ (vacated) STEL: 125 ppm (vacated) STEL: 545 mg/m ³ | IDLH: 800 ppm TWA: 100 ppm TWA: 435 mg/m ³ STEL: 125 ppm STEL: 545 mg/m ³ |
| Ethanol 64-17-5 | STEL: 1000 ppm | TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³ | IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³ |

| Chemical name | Argentina | Brazil | Chile | Colombia |
|------------------------------------|-------------------------------|---|--|-----------------------------|
| Acetone 67-64-1 | TWA: 500 ppm STEL: 750 ppm | TWA: 780 ppm TWA: 1870 mg/m ³ STEL: 500 ppm | LPP: 438 ppm LPP: 1040 mg/m ³ LPT: 750 ppm LPT: 1782 mg/m ³ | STEL: 500ppm TWA: 250ppm |
| 2,2,4-Trimethylpentane 540-84-1 | TWA: 300 ppm | TWA: 300 ppm | - | TWA: 300ppm |
| Ethylbenzene 100-41-4 | TWA: 100 ppm STEL: 125 ppm | TWA: 78 ppm TWA: 340 mg/m ³ | LPP: 87 ppm LPP: 380 mg/m ³ LPT: 125 ppm LPT: 543 mg/m ³ | TWA: 20ppm |
| Ethanol 64-17-5 | TWA: 1000 ppm | TWA: 780 ppm TWA: 1480 mg/m ³ STEL: 1000 ppm | LPP: 875 ppm LPP: 1645 mg/m ³ | STEL: 1000ppm |

| Chemical name | Costa Rica | Peru | Uruguay | Venezuela |
|------------------------------------|-----------------------------|--|-----------------------------|---------------------------------------|
| Acetone 67-64-1 | TWA: 250ppm STEL: 500ppm | STEL: 750ppm STEL: 1781mg/m ³ TWA: 500ppm TWA: 1187mg/m ³ | 500 ppm STEL 250 ppm TWA | STEL: 750 ppm TWA: 500 ppm |
| 2,2,4-Trimethylpentane 540-84-1 | TWA: 300ppm | - | 300 ppm TWA | - |
| Ethylbenzene 100-41-4 | TWA: 20ppm | STEL: 125ppm STEL: 543mg/m ³ TWA: 100ppm | 20 ppm TWA | Skin STEL: 125 ppm TWA: 100 ppm |

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| Chemical name | Costa Rica | Peru | Uruguay | Venezuela |
|--------------------|---------------|--|---------------|---------------|
| | | TWA: 434mg/m ³ | | |
| Ethanol 64-17-5 | STEL: 1000ppm | TWA: 1000ppm TWA: 1884mg/m ³ | 1000 ppm STEL | TWA: 1000 ppm |

8.2. Exposure controls

Appropriate engineering controls

Engineering controls Showers
 Eyewash stations
 Ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/face protection Tight sealing safety goggles. If splashes are likely to occur:. Face protection shield. Avoid contact with eyes.

Hand protection Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron. Antistatic boots.

Respiratory protection Use appropriate respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General hygiene considerations Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Avoid contact with skin, eyes or clothing. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state Liquid
Appearance Aerosol
Color White
Odor Solvent
Odor threshold No information available

| <u>Property</u> | <u>Values</u> | <u>Remarks • Method</u> |
|--|--|-----------------------------------|
| pH | No data available | Not applicable Insoluble in water |
| pH (as aqueous solution) | No data available | None known |
| Melting point / freezing point | No data available | None known |
| Initial boiling point and boiling range | Not applicable, Aerosol | Not applicable, Aerosol |
| Flash point | Not applicable, Aerosol -50.00 °C / -58 °F | Not applicable, Aerosol |
| Evaporation rate | No data available | None known |

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| | | |
|--|-------------------|------------|
| Flammability | No data available | None known |
| Flammability Limit in Air | | None known |
| Upper flammability or explosive limits | No data available | |
| Lower flammability or explosive limits | No data available | |
| Vapor pressure | No data available | None known |
| Relative vapor density | No data available | None known |
| Relative density | No data available | None known |
| Water solubility | No data available | None known |
| Solubility(ies) | No data available | None known |
| Partition coefficient | No data available | None known |
| Autoignition temperature | No data available | None known |
| Decomposition temperature | No data available | None known |
| Kinematic viscosity | No data available | None known |
| Dynamic viscosity | No data available | None known |

9.2. Other information

| | | |
|----------------------|--------------------------|--------------------------|
| Explosive properties | No information available | |
| Oxidizing properties | No information available | |
| Solvent content (%) | No information available | |
| Solid content (%) | 6.8 | |
| Softening point | No information available | |
| Molecular weight | No information available | |
| VOC content | | No information available |
| Density | .820 g/ml | |
| Bulk density | No information available | |

10. Stability and reactivity

10.1. Reactivity

Reactivity No information available.

10.2. Chemical stability

Chemical stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Heating causes rise in pressure with risk of bursting.

10.4. Conditions to avoid

Conditions to avoid Heat, flames and sparks. Excessive heat. Keep away from open flames, hot surfaces and sources of ignition. Extremes of temperature and direct sunlight.

10.5. Incompatible materials

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents. Incompatible with oxidizing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products None known based on information supplied

11. Toxicological information

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11.1. Information on toxicological effects

Product Information

| | |
|---------------------|--|
| Inhalation | Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Specific test data for the substance or mixture is not available. Aspiration into lungs can produce severe lung damage. May cause pulmonary edema. Pulmonary edema can be fatal. May cause irritation of respiratory tract. May cause drowsiness or dizziness. |
| Eye contact | Specific test data for the substance or mixture is not available. May cause irritation. Causes serious eye irritation. (based on components). May cause redness, itching, and pain. |
| Skin contact | Repeated exposure may cause skin dryness or cracking. Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components). |
| Ingestion | Specific test data for the substance or mixture is not available. Potential for aspiration if swallowed. May cause lung damage if swallowed. Aspiration may cause pulmonary edema and pneumonitis. May be fatal if swallowed and enters airways. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. |

Symptoms related to the physical, chemical and toxicological characteristics

| | |
|-----------------|---|
| Symptoms | Difficulty in breathing. Coughing and/ or wheezing. Dizziness. Redness. May cause redness and tearing of the eyes. Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting. |
|-----------------|---|

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

| | |
|-------------------------------|------------------|
| ATEmix (oral) | 4,403.90 mg/kg |
| ATEmix (dermal) | 10,249.00 mg/kg |
| ATEmix (inhalation-gas) | 1,381,152.50 ppm |
| ATEmix (inhalation-dust/mist) | 45.90 mg/l |
| ATEmix (inhalation-vapor) | 353.40 mg/l |

Component Information

| Chemical name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|--|---------------------------------------|--------------------------|
| Acetone 67-64-1 | =5800 mg/kg (Rattus) 3000 mg/Kg (mouse) | >15800 mg/Kg (Rattus) | =79 mg/l(Rattus) 4 h |
| 2,2,4-Trimethylpentane 540-84-1 | >5000 mg/kg (Rattus) | > 2000 mg/kg (Oryctolagus cuniculus) | >14.38 mg/L (Rattus) 4 h |
| Naphtha, petroleum, light alkylate 64741-66-8 | >7000 mg/kg (Rattus) | > 2000 mg/kg (Oryctolagus cuniculus) | >6.31 mg/L (Rattus) 4 h |
| 1-Decene, homopolymer, hydrogenated 68037-01-4 | LD50 >2000 mg/Kg (Rattus) | LD50 >2000 mg/Kg (Rattus) | > 5.2 mg/L (Rat) 4 h |
| Ethylbenzene 100-41-4 | =3500 mg/kg (Rattus) | = 15400 mg/kg (Oryctolagus cuniculus) | =17.6 mg/L (Rattus) 4 h |
| Tricresyl phosphate 1330-78-5 | >20000 mg/kg (Rattus) | =3700 mg/Kg (Rattus) | >5.2 mg/L (Rattus) 4 h |
| Ethanol 64-17-5 | 6200 - 15000 mg/kg (Rattus) OECD 401 | - | =124.7 mg/L (Rattus) 4 h |

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Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation Classification based on data available for ingredients. Causes skin irritation.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Acetone (67-64-1)

| Method | Species | Exposure route | Effective dose | Exposure time | Results |
|---|---------|----------------|----------------|---------------|----------|
| OECD Test No. 405: Acute Eye Irritation/Corrosion | Rabbit | eye | | | irritant |

Respiratory or skin sensitization Based on available data, the classification criteria are not met.

Acetone (67-64-1)

| Method | Species | Exposure route | Results |
|---------------------------------------|------------|----------------|-----------------------|
| OECD Test No. 406: Skin Sensitization | Guinea pig | Dermal | Not a skin sensitizer |

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Contains a known or suspected carcinogen. Classification based on data available for ingredients. Suspected of causing cancer.

The table below indicates whether each agency has listed any ingredient as a carcinogen.

| Chemical name | ACGIH | IARC | NTP | OSHA |
|--------------------------|-------|----------|-------|------|
| Ethylbenzene 100-41-4 | A3 | Group 2B | - | X |
| Ethanol 64-17-5 | A3 | Group 1 | Known | X |

Legend

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Reproductive toxicity Contains a known or suspected reproductive toxin. Classification based on data available for ingredients. Suspected of damaging fertility or the unborn child.

STOT - single exposure May cause drowsiness or dizziness.

STOT - repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard May be fatal if swallowed and enters airways.

Other adverse effects No information available.

Interactive effects No information available.

12. Ecological information

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12.1. Toxicity

This product contains a chemical which is listed as a marine pollutant according to DOT.

Ecotoxicity

| Chemical name | Algae/aquatic plants | Fish | Toxicity to microorganisms | Crustacea |
|--|--|--|---|---|
| Acetone 67-64-1 | - | LC50 96 h 4.74 - 6.33 mL/L (Oncorhynchus mykiss) | EC50 = 14500 mg/L 15 min | EC50 48 h 10294 - 17704 mg/L (Daphnia magna Static) |
| Naphtha, petroleum, light alkylate 64741-66-8 | EC50 72 h = 6.4 mg/L (Pseudokirchneriella subcapitata) | - | - | LC50: =2mg/L (48h, Mysidopsis bahia) |
| Ethylbenzene 100-41-4 | EC50 72 h 2.6 - 11.3 mg/L (Pseudokirchneriella subcapitata) | LC50 96 h = 4.2 mg/L (Oncorhynchus mykiss semi-static) | EC50 = 9.68 mg/L 30 min EC50 = 96 mg/L 24 h | EC50: 1.8 - 2.4mg/L (48h, Daphnia magna) |
| Tricresyl phosphate 1330-78-5 | LC50 (72h) = 0.4042 mg/L Algae (Desmodesmus subspicatus)(OECD 201) | LC50 (96h) =0.6 mg/L (Oncorhynchus mykiss) | - | EC50 146 ?g/L (Daphnia magna) |
| Ethanol 64-17-5 | EC50 72hr 12.9 g/l (Selenastrum capricornutum) NOEC 3.24 g/l (Skeletonema costatum) | LC50: >100mg/L (96h, Pimephales promelas) | EC50 = 34634 mg/L 30 min EC50 = 35470 mg/L 5 min | LC50: (48h, Daphnia magna) EC50: =12.34 mg/L |

12.2. Persistence and degradability

Persistence and degradability No information available.

12.3. Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

| Chemical name | Partition coefficient |
|---|-----------------------|
| Acetone 67-64-1 | -0.24 |
| 1-Decene, homopolymer, hydrogenated 68037-01-4 | 6.5 |
| Ethylbenzene 100-41-4 | 3.6 |
| Tricresyl phosphate 1330-78-5 | 5.93 |
| Ethanol 64-17-5 | -0.35 |

12.4. Mobility in soil

Mobility No information available.

Other adverse effects

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Other adverse effects No information available.

13. Disposal considerations

13.1. Waste treatment methods

Waste from residues/unused products Should not be released into the environment. Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated packaging Dispose of in accordance with federal, state and local regulations.

14. Transport information

Note: The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments made in non-bulk packages (see regulatory definition). The information shown here, may not always agree with the bill of lading shipping description for the material.

DOT

| | |
|--|--|
| UN number or ID number | UN1950 |
| UN proper shipping name | Aerosols |
| Transport hazard class(es) | 2.1 |
| Subsidiary hazard class | 8 |
| Reportable quantity (lbs) | Xylenes (o-, m-, p- isomers): RQ (lb)= 100.00, 2,2,4-Trimethylpentane: RQ (lb)= 1000.00, Acetone: RQ (lb)= 5000.00 |
| Reportable Quantity (RQ) | (Xylenes (o-, m-, p- isomers): RQ (kg)= 45.40, 2,2,4-Trimethylpentane: RQ (kg)= 454.00, Acetone: RQ (kg)= 2270.00) |
| Special Provisions | A34 |
| DOT Marine Pollutant | P |
| Marine pollutant | 2,2,4-Trimethylpentane, Tricresyl phosphate |
| Description | UN1950, Aerosols, 2.2 (8) |
| Emergency Response Guide Number | 126 |

IATA

| | |
|-----------------------------------|----------------------------------|
| UN number or ID number | UN1950 |
| UN proper shipping name | Aerosols, flammable |
| Transport hazard class(es) | 2.1 |
| Special Provisions | A145, A167, A802 |
| Description | UN1950, Aerosols, flammable, 2.1 |

IMDG

| | |
|-----------------------------------|--|
| | Not regulated |
| UN number or ID number | UN1950 |
| UN proper shipping name | Aerosols |
| Transport hazard class(es) | 2.1 |
| EmS-No. | F-D, S-U |
| Special Provisions | 63,190, 277, 327, 344, 381, 959 |
| Marine pollutant | P |
| IMDG Marine Pollutant Name | 2,2,4-Trimethylpentane |
| Description | UN1950, Aerosols (2,2,4-Trimethylpentane), 2.1, (-50°C c.c.), Marine pollutant |

15. Regulatory information

International Inventories

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| | |
|-------------|--------|
| TSCA | Listed |
| DSL | Listed |

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL - Canadian Domestic Substances List

Listed - The components of this product are either listed or exempt from listing on inventory.

Not Listed - One or more components of this product are not listed on inventory.

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

| Chemical name | CAS No. | SARA 313 - Threshold Values % |
|---------------|----------|-------------------------------|
| Ethylbenzene | 100-41-4 | 0.1 |

SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate classifications.

Europe

Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation. This document is based on the information given to us by our own suppliers at the date of this document.

SVHC: Substances of Very High Concern for Authorization:

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

16. Other information

Key or legend to abbreviations and acronyms used in the safety data sheet

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

| | | | |
|---------|-----------------------------|------|----------------------------------|
| TWA | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value | Sk* | Skin designation |

Prepared By Product Safety & Regulatory Affairs.

Revision date 15-Feb-2024

Revision Note SDS sections updated. 4. 5. 6. 7. 8. 10.

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End of Safety Data Sheet