1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product identifier

Product Name  50270MB  Mechanics Brand Windshield Deicer

Other means of identification

Synonyms  None

Recommended use of the chemical and restrictions on use

Recommended Use  Windshield Deicer - Aerosol
Uses advised against  No information available

Details of the supplier of the safety data sheet

Supplier Name  Airosol Company, Inc.
Supplier Address  P.O. Box 120
1206 Illinois St.
Neodesha
KS
66757
US

Emergency telephone number

Company  Phone Number  620-325-2666

INFOTRAC  1-800-535-5053 (North America)
1-352-323-3500 (International)

2. HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

<table>
<thead>
<tr>
<th>Acute toxicity - Oral</th>
<th>Category 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity - Dermal</td>
<td>Category 3</td>
</tr>
<tr>
<td>Acute toxicity - Inhalation (Vapors)</td>
<td>Category 3</td>
</tr>
</tbody>
</table>
Acute toxicity - Inhalation (Dusts/Mists)  Category 3
Carcinogenicity  Category 2
Specific target organ toxicity (single exposure)  Category 1
Flammable Aerosols  Category 1
Gases under pressure  Compressed gas

GHS Label elements, including precautionary statements

Emergency Overview

Signal word  Danger

Hazard Statements
Toxic if swallowed
Toxic in contact with skin
Toxic if inhaled
Suspected of causing cancer
Causes damage to organs
Extremely flammable aerosol
Contains gas under pressure; may explode if heated

Appearance  Clear  Physical state  Liquid spray Aerosol  Odor  Sweet

Precautionary Statements - Prevention
Obtain special instructions before use
Do not handle until all safety precautions have been read and understood
Use personal protective equipment as required
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Use only outdoors or in a well-ventilated area
Do not breathe dust/fume/gas/mist/vapors/spray
Keep away from heat/sparks/open flames/hot surfaces. - No smoking
Pressurized container: Do not pierce or burn, even after use
Do not spray on an open flame or other ignition source

Precautionary Statements - Response
Specific treatment (see .? on this label)
IF exposed: Call a POISON CENTER or doctor/physician
Specific treatment (see supplemental first aid instructions on this label)

Skin
IF ON SKIN: Wash with plenty of soap and water
Call a POISON CENTER or doctor/physician if you feel unwell
Remove/Take off immediately all contaminated clothing
Wash contaminated clothing before reuse

Inhalation
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
Call a POISON CENTER or doctor/physician
Ingestion
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Rinse mouth

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

Hazards not otherwise classified (HNOC)
Not applicable

Unknown Toxicity
3 % of the mixture consists of ingredient(s) of unknown toxicity

Other information
Harmful to aquatic life
PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

Interactions with Other Chemicals
No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No</th>
<th>Weight-%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl alcohol</td>
<td>67-56-1</td>
<td>60 - 100</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>107-21-1</td>
<td>5 - 10</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>124-38-9</td>
<td>1 - 5</td>
</tr>
<tr>
<td>Sodium nitrite</td>
<td>7632-00-0</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

First aid measures

General Advice
Immediate medical attention is required. Show this safety data sheet to the doctor in attendance.

Eye contact
Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Do not rub affected area. Seek immediate medical attention/advice.

Skin contact
Immediate medical attention is required. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

Inhalation
Remove to fresh air. If breathing is difficult, give oxygen. If breathing is difficult, (trained personnel should) give oxygen.
Ingestion

Do NOT induce vomiting. Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person. Call a physician or poison control center immediately.

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. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

Most important symptoms and effects, both acute and delayed

Most Important Symptoms and Effects
Coughing and/ or wheezing. Difficulty in breathing.

Indication of any immediate medical attention and special treatment needed

Notes to Physician
Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO2). Water spray. Alcohol resistant foam.

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

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.

Uniform Fire Code
Aerosols: Level III

Explosion Data

Sensitivity to Mechanical Impact
Yes.

Sensitivity to Static Discharge
Yes.

Protective equipment and precautions for firefighters
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.
6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions
Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Do not breathe vapor or mist. Keep people away from and upwind of spill/leak. See section 8 for more information. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Take precautionary measures against static discharges. Contents under pressure. Do not puncture or incinerate cans.

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

Environmental precautions

Environmental precautions
Prevent further leakage or spillage if safe to do so. Refer to protective measures listed in Sections 7 and 8. Prevent product from entering drains.

Methods and material for containment and cleaning up

Methods for containment
Prevent further leakage or spillage if safe to do so. 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.

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.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling
Handle in accordance with good industrial hygiene and safety practice. Keep away from open flames, hot surfaces and sources of ignition. Contents under pressure. Do not puncture or incinerate cans. Avoid contact with skin, eyes or clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Do not breathe vapor or mist. Use only with adequate ventilation and in closed systems. Use personal protection equipment. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not use 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. Keep in an area equipped with sprinklers. In case of rupture. Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage
Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Protect from moisture. Store away from other materials. Store locked up. 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.

Incompatible Products
None known based on information supplied.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>NIOSH IDLH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl alcohol</td>
<td>STEL = 250 ppm</td>
<td>TWA: 200 ppm</td>
<td>IDLH: 6000 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA: 200 ppm</td>
<td>TWA: 260 mg/m³</td>
<td>TWA: 200 ppm</td>
</tr>
<tr>
<td></td>
<td>(vacated) TWA: 200</td>
<td>(vacated) STEL: 250 ppm</td>
<td>TWA: 260 mg/m³</td>
</tr>
<tr>
<td></td>
<td>ppm</td>
<td>(vacated) STEL: 325 mg/m³</td>
<td>(vacated) STEL: 250 ppm</td>
</tr>
<tr>
<td></td>
<td>S*</td>
<td>(vacated) STEL: 325 mg/m³</td>
<td></td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>Ceiling: 100 mg/m³</td>
<td>(vacated) Ceiling: 50 ppm</td>
<td>IDLH: 40000 ppm</td>
</tr>
<tr>
<td></td>
<td>(aerosol only)</td>
<td>(vacated) Ceiling: 125 mg/m³</td>
<td>TWA: 5000 ppm</td>
</tr>
<tr>
<td>Carbon Dioxide</td>
<td>STEL = 30000 ppm</td>
<td>TWA: 5000 ppm</td>
<td>TWA: 9000 ppm</td>
</tr>
<tr>
<td></td>
<td>TWA: 5000 ppm</td>
<td>(vacated) TWA: 10000 ppm</td>
<td>TWA: 9000 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) TWA: 18000 mg/m³</td>
<td>STEL: 30000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) STEL: 30000 ppm</td>
<td>STEL: 54000 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(vacated) STEL: 54000 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits NIOSH IDLH Immediately Dangerous to Life or Health

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

Appropriate engineering controls

Engineering Measures

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/face protection
Tight sealing safety goggles.

Skin and body protection

Respiratory protection
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures
Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Do not breathe vapor or mist. Contaminated work clothing should not be allowed out of the workplace.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties
Physical state                  Liquid spray, Aerosol
Appearance                      Clear
Color                           No information available
Odor                            Sweet
Odor Threshold                   No information available

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Remarks  Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>UNKNOWN</td>
<td>None known</td>
</tr>
<tr>
<td>Melting / freezing point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Boiling point / boiling range</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flash Point</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Flammability Limit in Air</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper flammability limit</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Lower flammability limit</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.8039</td>
<td>None known</td>
</tr>
<tr>
<td>Water Solubility</td>
<td>Completely soluble</td>
<td>None known</td>
</tr>
<tr>
<td>Solubility in other solvents</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Partition coefficient: n-octanol/water</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Kinematic viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Dynamic viscosity</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>No data available</td>
<td>None known</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>No data available</td>
<td>None known</td>
</tr>
</tbody>
</table>

Other Information

Softening Point               No data available
VOC Content (%)               No data available
Particle Size                 No data available
Particle Size Distribution

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability
Stable under recommended storage conditions.

Possibility of Hazardous Reactions
None under normal processing.

Conditions to avoid
Excessive heat. Heat, flames and sparks.

Incompatible materials
None known based on information supplied.

Hazardous Decomposition Products
None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Inhalation
Specific test data for the substance or mixture is not available. Toxic by inhalation. (based
on components).

**Eye contact**
Specific test data for the substance or mixture is not available. May cause irritation.

**Skin contact**
Specific test data for the substance or mixture is not available. Toxic in contact with skin. (based on components). May be absorbed through the skin in harmful amounts.

**Ingestion**
Specific test data for the substance or mixture is not available. Toxic if swallowed. (based on components).

### Component Information

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl alcohol 67-56-1</td>
<td>6200 mg/kg (Rat)</td>
<td>15800 mg/kg (Rabbit)</td>
<td>22500 ppm (Rat) 8 h = 64000 ppm (Rat) 4 h</td>
</tr>
<tr>
<td>Ethylene glycol 107-21-1</td>
<td>4700 mg/kg (Rat)</td>
<td>10600 mg/kg (Rat) = 9530 µL/kg (Rabbit)</td>
<td>-</td>
</tr>
<tr>
<td>Sodium nitrite 7632-00-0</td>
<td>85 mg/kg (Rat)</td>
<td>-</td>
<td>5.5 mg/L (Rat) 4 h</td>
</tr>
</tbody>
</table>

**Information on toxicological effects**

**Symptoms**
Coughing and/or wheezing. Difficulty in breathing.

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

**Sensitization**
No information available.

**Mutagenic Effects**
No information available.

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>ACGIH</th>
<th>IARC</th>
<th>NTP</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium nitrite 7632-00-0</td>
<td></td>
<td>Group 2A</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

_IARC (International Agency for Research on Cancer)_
Group 2A - Probably Carcinogenic to Humans

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

**Reproductive toxicity**
No information available.

**STOT - single exposure**
Based on classification criteria from the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200), this product has been determined to cause systemic target organ toxicity from acute exposure. (STOT SE). If this product is a mixture, the classification is not based on toxicology studies for this product, but is based solely on toxicology studies for ingredients found within this product. Detailed substance and/or ingredient information may be provided in other sections of this SDS. Target organs effects listed in this document may result from a single overexposure to this product. Causes damage to organs if swallowed. Causes damage to organs in contact with skin. Causes damage to organs inhaled.

**STOT - repeated exposure**
No information available.

**Chronic Toxicity**
Effects from this product caused by acute exposure may cause permanent damage to target organs and/or may cause chronic conditions. Contains a known or suspected carcinogen.

**Target Organ Effects**
Respiratory system. Systemic Toxicity.
Aspiration Hazard

No information available.

Numerical measures of toxicity

Product Information

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

ATEmix (oral)
114.00 mg/kg
ATEmix (dermal)
351.00 mg/kg
ATEmix (inhalation-gas)
820.00 ppm
ATEmix (inhalation-dust/mist)
0.59 mg/l
ATEmix (inhalation-vapor)
4.00 ATEmix
### 12. ECOLOGICAL INFORMATION

**Ecotoxicity**
Harmful to aquatic life.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Toxinity to Algae</th>
<th>Toxinity to Fish</th>
<th>Toxinity to Microorganisms</th>
<th>Daphnia Magna (Water Flea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl alcohol</td>
<td>96h LC50: = 28200 mg/L (Pimephales promelas) 96h LC50: &gt; 100 mg/L (Pimephales promelas) 96h LC50: 19500 - 20700 mg/L (Oncorhynchus mykiss) 96h LC50: 18 - 20 mL/L (Oncorhynchus mykiss) 96h LC50: 13500 - 17600 mg/L (Lepomis macrochirus)</td>
<td>EC50 = 39000 mg/L 25 min EC50 = 40000 mg/L 15 min EC50 = 43000 mg/L 5 min</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>96h EC50: 6500 - 13000 mg/L (Pseudokirchneriella subcapitata)</td>
<td>96h LC50: = 41000 mg/L (Oncorhynchus mykiss) 96h LC50: 14 - 18 mL/L (Oncorhynchus mykiss) 96h LC50: 40761 mg/L (Oncorhynchus mykiss) 96h LC50: 40000 - 60000 mg/L (Pimephales promelas) 96h LC50: 27540 mg/L (Lepomis macrochirus) 96h LC50: 16000 mL (Poecilia reticulata)</td>
<td>EC50 = 10000 mg/L 16 h EC50 = 620 mg/L 30 min EC50 = 620 mg/L 30 min</td>
<td>48h EC50: = 46300 mg/L</td>
</tr>
<tr>
<td>Sodium nitrite</td>
<td>96h LC50: 0.092 - 0.13 mg/L (Oncorhynchus mykiss) 96h LC50: 0.4 - 0.6 mg/L (Oncorhynchus mykiss) 96h LC50: 0.65 - 1 mg/L (Oncorhynchus mykiss) 96h LC50: 2.3 mg/L (Pimephales promelas) 96h LC50: 0.19 mg/L (Oncorhynchus mykiss) 96h LC50: 20 mg/L (Pimephales promelas)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Persistence and Degradability**
No information available.

**Bioaccumulation**

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl alcohol</td>
<td>-0.77</td>
</tr>
<tr>
<td>Ethylene glycol</td>
<td>-1.93</td>
</tr>
<tr>
<td>Sodium nitrite</td>
<td>-3.7</td>
</tr>
</tbody>
</table>

Other adverse effects
No information available.
13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

This material, as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Should not be released into the environment. Dispose of contents/containers in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

US EPA Waste Number

U154 D001

This product contains one or more substances that are listed with the State of California as a hazardous waste.

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>California Hazardous Waste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl alcohol</td>
<td>Toxic</td>
</tr>
<tr>
<td>67-56-1</td>
<td>Ignitable</td>
</tr>
<tr>
<td>Sodium nitrite</td>
<td>Toxic</td>
</tr>
<tr>
<td>7632-00-0</td>
<td>Ignitable</td>
</tr>
<tr>
<td></td>
<td>Reactive</td>
</tr>
</tbody>
</table>

14. TRANSPORT INFORMATION

DOT

Proper Shipping Name: CONSUMER COMMODITY
Hazard Class: ORM-D
Description: CONSUMER COMMODITY, ORM-D

TDG

UN-No.: UN1950
Proper Shipping Name: AEROSOLS
Hazard Class: 2.1
Description: UN1950, AEROSOLS (METHYL ALCOHOL, SODIUM NITRITE), 2.1, MARINE POLLUTANT

MEX

UN-No.: UN1950
Proper Shipping Name: AEROSOLS
Hazard Class: 2.1
Description: UN1950, AEROSOLS, 2.1

ICAO

UN-No.: UN1950
Proper Shipping Name: AEROSOLS
Hazard Class: 2.1
Description: UN1950, AEROSOLS, 2.1

IATA

UN-No.: UN1950
Proper Shipping Name: AEROSOLS, FLAMMABLE
Hazard Class: 2.1
ERG Code: 10L
Description: UN1950, AEROSOLS, FLAMMABLE, 2.1
IMDG/IMO

<table>
<thead>
<tr>
<th>UN-No.</th>
<th>UN1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>AEROSOLS</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>2.1</td>
</tr>
<tr>
<td>EmS-No.</td>
<td>F-D, S-U</td>
</tr>
<tr>
<td>Description</td>
<td>UN1950, AEROSOLS (METHYL ALCOHOL, SODIUM NITRITE), 2.1, MARINE POLLUTANT</td>
</tr>
</tbody>
</table>

RID

<table>
<thead>
<tr>
<th>UN-No.</th>
<th>UN1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>AEROSOLS</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Classification code</td>
<td>5F</td>
</tr>
<tr>
<td>Description</td>
<td>UN1950, AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS</td>
</tr>
</tbody>
</table>

ADR

<table>
<thead>
<tr>
<th>UN-No.</th>
<th>UN1950</th>
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</thead>
<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>AEROSOLS</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Classification code</td>
<td>5F</td>
</tr>
<tr>
<td>Tunnel restriction code</td>
<td>D</td>
</tr>
<tr>
<td>Description</td>
<td>UN1950, AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS</td>
</tr>
</tbody>
</table>

ADN

<table>
<thead>
<tr>
<th>UN-No.</th>
<th>UN1950</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proper Shipping Name</td>
<td>AEROSOLS</td>
</tr>
<tr>
<td>Hazard Class</td>
<td>2.1</td>
</tr>
<tr>
<td>Classification code</td>
<td>5F</td>
</tr>
<tr>
<td>Special Provisions</td>
<td>190, 327, 344, 625</td>
</tr>
<tr>
<td>Description</td>
<td>UN1950, AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS</td>
</tr>
<tr>
<td>Hazard Labels</td>
<td>2.1</td>
</tr>
<tr>
<td>Limited Quantity</td>
<td>1 L</td>
</tr>
<tr>
<td>Ventilation</td>
<td>VE01, VE04</td>
</tr>
</tbody>
</table>

15. REGULATORY INFORMATION

International Inventories

- TSCA: Complies
- DSL: All components are listed either on the DSL or NDSL.
- IECSC: -

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

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

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CAS No</th>
<th>Weight-%</th>
<th>SARA 313 - Threshold Values %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl alcohol - 67-56-1</td>
<td>67-56-1</td>
<td>60 - 100</td>
<td>1.0</td>
</tr>
<tr>
<td>Ethylene glycol - 107-21-1</td>
<td>107-21-1</td>
<td>5 - 10</td>
<td>1.0</td>
</tr>
<tr>
<td>Sodium nitrite - 7632-00-0</td>
<td>7632-00-0</td>
<td>0.1 - 1</td>
<td>1.0</td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories

- Acute Health Hazard: Yes
- Chronic Health Hazard: Yes
- Fire Hazard: Yes
Sudden release of pressure hazard: Yes
Reactive Hazard: No

CWA (Clean Water Act)
This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>CWA - Reportable Quantities</th>
<th>CWA - Toxic Pollutants</th>
<th>CWA - Priority Pollutants</th>
<th>CWA - Hazardous Substances</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sodium nitrite 7632-00-0</td>
<td>100 lb</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

CERCLA
This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>Hazardous Substances RQs</th>
<th>Extremely Hazardous Substances RQs</th>
<th>RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl alcohol 67-56-1</td>
<td>5000 lb</td>
<td></td>
<td>RQ = 2270 kg final RQ</td>
</tr>
<tr>
<td>Ethylene glycol 107-21-1</td>
<td>5000 lb</td>
<td></td>
<td>RQ = 5000 lb final RQ</td>
</tr>
<tr>
<td>Sodium nitrite 7632-00-0</td>
<td>100 lb</td>
<td></td>
<td>RQ = 45.4 kg final RQ</td>
</tr>
</tbody>
</table>

US State Regulations

California Proposition 65
This product contains the following Proposition 65 chemicals:

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>California Proposition 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl alcohol 67-56-1</td>
<td>Developmental</td>
</tr>
</tbody>
</table>

U.S. State Right-to-Know Regulations

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>New Jersey</th>
<th>Massachusetts</th>
<th>Pennsylvania</th>
<th>Rhode Island</th>
<th>Illinois</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl alcohol 67-56-1</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Ethylene glycol 107-21-1</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Carbon Dioxide 124-38-9</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Sodium nitrite 7632-00-0</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

International Regulations

Mexico
National occupational exposure limits

<table>
<thead>
<tr>
<th>Component</th>
<th>Carcinogen Status</th>
<th>Exposure Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl alcohol 67-56-1</td>
<td></td>
<td>Mexico: TWA= 200 ppm</td>
</tr>
<tr>
<td>(60 - 100)</td>
<td></td>
<td>Mexico: TWA= 260 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL= 250 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL= 310 mg/m³</td>
</tr>
<tr>
<td>Ethylene glycol 107-21-1</td>
<td></td>
<td>Mexico: Ceiling 100 mg/m³</td>
</tr>
<tr>
<td>(5 - 10)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carbon Dioxide 124-38-9</td>
<td></td>
<td>Mexico: TWA= 5000 ppm</td>
</tr>
<tr>
<td>(1 - 5)</td>
<td></td>
<td>Mexico: TWA= 9000 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL= 15000 ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mexico: STEL= 27000 mg/m³</td>
</tr>
</tbody>
</table>

Canada
WHMIS Hazard Class
Not determined

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>NFPA</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Instability</th>
<th>Physical and Chemical Hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3</td>
<td>4</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HMIS</th>
<th>Health Hazards</th>
<th>Flammability</th>
<th>Physical Hazard</th>
<th>Physical Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3 *</td>
<td>4</td>
<td>0</td>
<td>X</td>
</tr>
</tbody>
</table>

Chronic Hazard Star Legend  * = Chronic Health Hazard

Prepared By
Product Stewardship
23 British American Blvd.
Latham, NY 12110
1-800-572-6501

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Revision Date
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Revision Note
No information available

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End of Safety Data Sheet