



# SAFETY DATA SHEET

## 1. Identification

**Product identifier** Ice-Off® Windshield Spray De-Icer

**Other means of identification**

**Product code** No. 05346 (Item# 1003777)

**Recommended use** Melt ice on windshields

**Recommended restrictions** None known.

**Manufacturer/Importer/Supplier/Distributor information**

**Manufactured or sold by:**

**Company name** CRC Industries, Inc.

**Address** 885 Louis Dr.  
Warminster, PA 18974 US

**Telephone**

**General Information** 215-674-4300

**Technical Assistance** 800-521-3168

**Customer Service** 800-272-4620

**24-Hour Emergency** 800-424-9300 (US)

**(CHEMTREC)** 703-527-3887 (International)

**Website** www.crcindustries.com

## 2. Hazard(s) identification

|                              |                                                 |                                           |
|------------------------------|-------------------------------------------------|-------------------------------------------|
| <b>Physical hazards</b>      | Flammable aerosols                              | Category 1                                |
|                              | Gases under pressure                            | Compressed gas                            |
| <b>Health hazards</b>        | Acute toxicity, oral                            | Category 3                                |
|                              | Acute toxicity, dermal                          | Category 3                                |
|                              | Acute toxicity, inhalation                      | Category 3                                |
|                              | Reproductive toxicity (fertility)               | Category 2                                |
|                              | Specific target organ toxicity, single exposure | Category 1 (central nervous system, eyes) |
| <b>Environmental hazards</b> | Not classified.                                 |                                           |
| <b>OSHA defined hazards</b>  | Not classified.                                 |                                           |

**Label elements**



**Signal word** Danger

**Hazard statement** Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Toxic if swallowed. Toxic in contact with skin. Suspected of damaging fertility. Causes damage to organs (central nervous system, eyes).

**Precautionary statement**

**Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe mist or vapor. Do not apply while equipment is energized. Extinguish all flames, pilot lights and heaters. Vapors will accumulate readily and may ignite. Use only with adequate ventilation; maintain ventilation during use and until all vapors are gone. Open doors and windows or use other means to ensure a fresh air supply during use and while product is drying. If you experience any symptoms listed on this label, increase ventilation or leave the area. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

|                                                  |                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Response</b>                                  | If swallowed: Immediately call a poison center/doctor. Rinse mouth. If on skin: Wash with plenty of water. If exposed: Call a poison center/doctor. If exposed or concerned: Get medical advice/attention. Take off immediately all contaminated clothing and wash it before reuse. |
| <b>Storage</b>                                   | Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Exposure to high temperature may cause can to burst.                                                                                                  |
| <b>Disposal</b>                                  | Dispose of contents/container in accordance with local/regional/national regulations.                                                                                                                                                                                               |
| <b>Hazard(s) not otherwise classified (HNOC)</b> | None known.                                                                                                                                                                                                                                                                         |

### 3. Composition/information on ingredients

#### Mixtures

| Chemical name  | Common name and synonyms | CAS number | %       |
|----------------|--------------------------|------------|---------|
| methanol       |                          | 67-56-1    | 80 - 90 |
| carbon dioxide |                          | 124-38-9   | 5 - 10  |
| water          |                          | 7732-18-5  | 3 - 5   |

Specific chemical identity and/or percentage of composition has been withheld as a trade secret.

### 4. First-aid measures

|                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>                                                             | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician.                                                   |
| <b>Skin contact</b>                                                           | Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. Get medical attention if irritation develops and persists. Wash contaminated clothing before reuse.                                                                                                                                                                                                   |
| <b>Eye contact</b>                                                            | Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.                                                                                                                                                                                                                                  |
| <b>Ingestion</b>                                                              | Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. |
| <b>Most important symptoms/effects, acute and delayed</b>                     | Narcosis. Headache. Dizziness. Nausea, vomiting. Behavioral changes. Decrease in motor functions.                                                                                                                                                                                                                                                                                                                                    |
| <b>Indication of immediate medical attention and special treatment needed</b> | Provide general supportive measures and treat symptomatically. Keep victim warm. Keep victim under observation. Symptoms may be delayed.                                                                                                                                                                                                                                                                                             |
| <b>General information</b>                                                    | Take off immediately all contaminated clothing. IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.                                                                                                                                                     |

### 5. Fire-fighting measures

|                                                                      |                                                                                                                                                                                       |
|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Suitable extinguishing media</b>                                  | Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).                                                                                                         |
| <b>Unsuitable extinguishing media</b>                                | Do not use water jet as an extinguisher, as this will spread the fire.                                                                                                                |
| <b>Specific hazards arising from the chemical</b>                    | Contents under pressure. Pressurized container may rupture when exposed to heat or flame. During fire, gases hazardous to health may be formed.                                       |
| <b>Special protective equipment and precautions for firefighters</b> | Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.                      |
| <b>Fire-fighting equipment/instructions</b>                          | In case of fire: Stop leak if safe to do so. Move containers from fire area if you can do so without risk. Containers should be cooled with water to prevent vapor pressure build up. |
| <b>General fire hazards</b>                                          | Extremely flammable aerosol. Contents under pressure. Pressurized container may rupture when exposed to heat or flame.                                                                |

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapor. Emergency personnel need self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

### Methods and materials for containment and cleaning up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. This product is miscible in water. Stop the flow of material, if this is without risk. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

### Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

## 7. Handling and storage

### Precautions for safe handling

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Use caution around energized equipment. The metal container will conduct electricity if it contacts a live source. This may result in injury to the user from electrical shock and/or flash fire. Protect containers from physical damage; do not drag, roll, slide, or drop. When moving containers, even for short distances, use a cart (trolley, hand truck, etc.) designed to transport containers. Do not breathe mist or vapor. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Wash contaminated clothing before reuse. Observe good industrial hygiene practices. For product usage instructions, see the product label.

### Conditions for safe storage, including any incompatibilities

Level 3 Aerosol.

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122 °F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of the SDS).

## 8. Exposure controls/personal protection

### Occupational exposure limits

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

| Components                    | Type | Value                            |
|-------------------------------|------|----------------------------------|
| carbon dioxide (CAS 124-38-9) | PEL  | 9000 mg/m3                       |
| methanol (CAS 67-56-1)        | PEL  | 5000 ppm<br>260 mg/m3<br>200 ppm |

#### US. ACGIH Threshold Limit Values

| Components                    | Type | Value     |
|-------------------------------|------|-----------|
| carbon dioxide (CAS 124-38-9) | STEL | 30000 ppm |
| methanol (CAS 67-56-1)        | TWA  | 5000 ppm  |
|                               | STEL | 250 ppm   |
|                               | TWA  | 200 ppm   |

#### US. NIOSH: Pocket Guide to Chemical Hazards

| Components                    | Type | Value       |
|-------------------------------|------|-------------|
| carbon dioxide (CAS 124-38-9) | STEL | 54000 mg/m3 |

**US. NIOSH: Pocket Guide to Chemical Hazards**

| Components             | Type | Value      |
|------------------------|------|------------|
| methanol (CAS 67-56-1) | TWA  | 30000 ppm  |
|                        |      | 9000 mg/m3 |
|                        |      | 5000 ppm   |
|                        | STEL | 325 mg/m3  |
|                        |      | 250 ppm    |
|                        |      | 260 mg/m3  |
|                        | TWA  | 200 ppm    |

**Biological limit values****ACGIH Biological Exposure Indices**

| Components             | Value   | Determinant | Specimen | Sampling Time |
|------------------------|---------|-------------|----------|---------------|
| methanol (CAS 67-56-1) | 15 mg/l | Methanol    | Urine    | *             |

\* - For sampling details, please see the source document.

**Exposure guidelines****US - California OELs: Skin designation**

methanol (CAS 67-56-1) Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**

methanol (CAS 67-56-1) Skin designation applies.

**US - Tennessee OELs: Skin designation**

methanol (CAS 67-56-1) Can be absorbed through the skin.

**US ACGIH Threshold Limit Values: Skin designation**

methanol (CAS 67-56-1) Can be absorbed through the skin.

**US NIOSH Pocket Guide to Chemical Hazards: Skin designation**

methanol (CAS 67-56-1) Can be absorbed through the skin.

**Appropriate engineering controls**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin protection**

**Hand protection** Wear protective gloves such as: Nitrile. Rubber gloves.

**Other** Wear appropriate chemical resistant clothing.

**Respiratory protection** If engineering controls are not feasible or if exposure exceeds the applicable exposure limits, use a NIOSH-approved cartridge respirator with an organic vapor cartridge. Use a self-contained breathing apparatus in confined spaces and for emergencies. Air monitoring is needed to determine actual employee exposure levels.

**Thermal hazards** Wear appropriate thermal protective clothing, when necessary.

**General hygiene considerations**

Observe any medical surveillance requirements. When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

**9. Physical and chemical properties****Appearance**

**Physical state** Liquid.

**Form** Aerosol.

**Color** Colorless.

**Odor** Pungent.

**Odor threshold** Not available.

**pH** Not available.

**Melting point/freezing point** -144 °F (-97.8 °C) estimated

**Initial boiling point and boiling range** 148.5 °F (64.7 °C) estimated

|                                                     |                                |
|-----------------------------------------------------|--------------------------------|
| <b>Flash point</b>                                  | 54 °F (12.2 °C) Tag Closed Cup |
| <b>Evaporation rate</b>                             | Fast.                          |
| <b>Flammability (solid, gas)</b>                    | Not available.                 |
| <b>Upper/lower flammability or explosive limits</b> |                                |
| <b>Flammability limit - lower (%)</b>               | 2.6 % estimated                |
| <b>Flammability limit - upper (%)</b>               | 36 % estimated                 |
| <b>Vapor pressure</b>                               | 3129.4 hPa estimated           |
| <b>Vapor density</b>                                | 1.1 (air = 1)                  |
| <b>Relative density</b>                             | 0.84 estimated                 |
| <b>Solubility (water)</b>                           | Completely soluble.            |
| <b>Partition coefficient (n-octanol/water)</b>      | Not available.                 |
| <b>Auto-ignition temperature</b>                    | 725 °F (385 °C) estimated      |
| <b>Decomposition temperature</b>                    | Not available.                 |
| <b>Viscosity (kinematic)</b>                        | Not available.                 |
| <b>Percent volatile</b>                             | 94.6 % estimated               |

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## 10. Stability and reactivity

|                                           |                                                                                               |
|-------------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Reactivity</b>                         | The product is stable and non-reactive under normal conditions of use, storage and transport. |
| <b>Chemical stability</b>                 | Material is stable under normal conditions.                                                   |
| <b>Possibility of hazardous reactions</b> | No dangerous reaction known under conditions of normal use.                                   |
| <b>Conditions to avoid</b>                | Heat, flames and sparks. Contact with incompatible materials.                                 |
| <b>Incompatible materials</b>             | Strong oxidizing agents. Aluminum.                                                            |
| <b>Hazardous decomposition products</b>   | Carbon oxides. Formaldehyde.                                                                  |

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## 11. Toxicological information

### Information on likely routes of exposure

|                     |                                                                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation</b>   | May cause damage to organs by inhalation. Prolonged inhalation may be harmful.                                                                                  |
| <b>Skin contact</b> | Toxic in contact with skin.                                                                                                                                     |
| <b>Eye contact</b>  | Direct contact with eyes may cause temporary irritation.                                                                                                        |
| <b>Ingestion</b>    | Toxic if swallowed. Even small amounts (30-250 ml methanol) may be fatal. Symptoms are stomach ache, nausea, vomiting, dullness, visual disorder and blindness. |

|                                                                                     |                                                                                                   |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>Symptoms related to the physical, chemical and toxicological characteristics</b> | Narcosis. Headache. Dizziness. Nausea, vomiting. Behavioral changes. Decrease in motor functions. |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|

### Information on toxicological effects

|                                          |                                                                                                                  |
|------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Acute toxicity</b>                    | Toxic in contact with skin. Toxic if swallowed.                                                                  |
| <b>Skin corrosion/irritation</b>         | Prolonged skin contact may cause temporary irritation.                                                           |
| <b>Serious eye damage/eye irritation</b> | Direct contact with eyes may cause temporary irritation.                                                         |
| <b>Respiratory sensitization</b>         | Not a respiratory sensitizer.                                                                                    |
| <b>Skin sensitization</b>                | This product is not expected to cause skin sensitization.                                                        |
| <b>Germ cell mutagenicity</b>            | No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. |
| <b>Carcinogenicity</b>                   | Not classifiable as to carcinogenicity to humans.                                                                |

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Not listed.

#### OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not regulated.

## US. National Toxicology Program (NTP) Report on Carcinogens

Not listed.

|                                                           |                                                         |
|-----------------------------------------------------------|---------------------------------------------------------|
| <b>Reproductive toxicity</b>                              | Suspected of damaging fertility.                        |
| <b>Specific target organ toxicity - single exposure</b>   | Causes damage to organs (central nervous system, eyes). |
| <b>Specific target organ toxicity - repeated exposure</b> | Not classified.                                         |
| <b>Aspiration hazard</b>                                  | Not an aspiration hazard.                               |
| <b>Chronic effects</b>                                    | Prolonged inhalation may be harmful.                    |

## 12. Ecological information

|                    |                                                                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Ecotoxicity</b> | The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment. |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

| Components             |      | Species                                             | Test Results                 |
|------------------------|------|-----------------------------------------------------|------------------------------|
| methanol (CAS 67-56-1) |      |                                                     |                              |
| <b>Aquatic</b>         |      |                                                     |                              |
| Fish                   | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 18000 - 20000 mg/l, 96 hours |
| <b>Acute</b>           |      |                                                     |                              |
| Crustacea              | EC50 | Water flea (Daphnia magna)                          | > 10000 mg/l, 48 hours       |
| Fish                   | LC50 | Rainbow trout,donaldson trout (Oncorhynchus mykiss) | 18000 - 20000 mg/l, 96 hours |

\* Estimates for product may be based on additional component data not shown.

### Persistence and degradability

#### Bioaccumulative potential

##### Partition coefficient n-octanol / water (log Kow)

methanol -0.77

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal considerations

|                                                          |                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal of waste from residues / unused products</b> | If discarded, this product is considered a RCRA ignitable waste, D001. Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Dispose in accordance with all applicable regulations. |
| <b>Hazardous waste code</b>                              | D001: Waste Flammable material with a flash point <140 F                                                                                                                                                                                                                          |
| <b>Contaminated packaging</b>                            | Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.                                                                        |

## 14. Transport information

### DOT

|                                     |                                                                         |
|-------------------------------------|-------------------------------------------------------------------------|
| <b>UN number</b>                    | UN1950                                                                  |
| <b>UN proper shipping name</b>      | Aerosols, flammable, Limited Quantity                                   |
| <b>Transport hazard class(es)</b>   |                                                                         |
| Class                               | 2.1                                                                     |
| Subsidiary risk                     | 6.1(PGIII)                                                              |
| Label(s)                            | 2.1                                                                     |
| <b>Packing group</b>                | Not applicable.                                                         |
| <b>Special precautions for user</b> | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Special provisions</b>           | N82                                                                     |
| <b>Packaging exceptions</b>         | 306                                                                     |
| <b>Packaging non bulk</b>           | None                                                                    |
| <b>Packaging bulk</b>               | None                                                                    |

### IATA

|                                |                                                                               |
|--------------------------------|-------------------------------------------------------------------------------|
| <b>UN number</b>               | UN1950                                                                        |
| <b>UN proper shipping name</b> | Aerosols, flammable, containing substances in Division 6.1, Packing Group III |

|                                   |                                                                         |
|-----------------------------------|-------------------------------------------------------------------------|
| <b>Transport hazard class(es)</b> |                                                                         |
| Class                             | 2.1                                                                     |
| Subsidiary risk                   | 6.1(PGIII)                                                              |
| Packing group                     | Not applicable.                                                         |
| ERG Code                          | 10P                                                                     |
| Special precautions for user      | Read safety instructions, SDS and emergency procedures before handling. |
| <b>Other information</b>          |                                                                         |
| Passenger and cargo aircraft      | Allowed with restrictions.                                              |
| Cargo aircraft only               | Allowed with restrictions.                                              |

#### IMDG

|                                   |                                                                               |
|-----------------------------------|-------------------------------------------------------------------------------|
| UN number                         | UN1950                                                                        |
| UN proper shipping name           | Aerosols, flammable, containing substances in Division 6.1, Packing Group III |
| <b>Transport hazard class(es)</b> |                                                                               |
| Class                             | 2.1                                                                           |
| Subsidiary risk                   | 6.1(PGIII)                                                                    |
| Packing group                     | Not applicable.                                                               |
| <b>Environmental hazards</b>      |                                                                               |
| Marine pollutant                  | No.                                                                           |
| EmS                               | F-D, S-U                                                                      |
| Special precautions for user      | Read safety instructions, SDS and emergency procedures before handling.       |

### 15. Regulatory information

|                                                                                         |                                                                                                                                                                                                             |         |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| <b>US federal regulations</b>                                                           | This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.                                                                                              |         |
| <b>TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)</b>                    | Not regulated.                                                                                                                                                                                              |         |
| <b>SARA 304 Emergency release notification</b>                                          | Not regulated.                                                                                                                                                                                              |         |
| <b>OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>                   | Not regulated.                                                                                                                                                                                              |         |
| <b>US EPCRA (SARA Title III) Section 313 - Toxic Chemical: Listed substance</b>         | methanol (CAS 67-56-1)                                                                                                                                                                                      |         |
| <b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>                                   | methanol (CAS 67-56-1)                                                                                                                                                                                      |         |
| <b>CERCLA Hazardous Substances: Reportable quantity</b>                                 | methanol (CAS 67-56-1)                                                                                                                                                                                      |         |
|                                                                                         | 5000 LBS                                                                                                                                                                                                    | Listed. |
|                                                                                         | Spills or releases resulting in the loss of any ingredient at or above its RQ require immediate notification to the National Response Center (800-424-8802) and to your Local Emergency Planning Committee. |         |
| <b>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List</b>             | methanol (CAS 67-56-1)                                                                                                                                                                                      |         |
| <b>Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)</b> | Not regulated.                                                                                                                                                                                              |         |
| <b>Safe Drinking Water Act (SDWA)</b>                                                   | Not regulated.                                                                                                                                                                                              |         |
| <b>Food and Drug Administration (FDA)</b>                                               | Not regulated.                                                                                                                                                                                              |         |
| <b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>                      |                                                                                                                                                                                                             |         |
| Section 311/312                                                                         | Immediate Hazard - Yes                                                                                                                                                                                      |         |
| Hazard categories                                                                       | Delayed Hazard - Yes                                                                                                                                                                                        |         |
|                                                                                         | Fire Hazard - Yes                                                                                                                                                                                           |         |
|                                                                                         | Pressure Hazard - Yes                                                                                                                                                                                       |         |
|                                                                                         | Reactivity Hazard - No                                                                                                                                                                                      |         |
| <b>SARA 302 Extremely hazardous substance</b>                                           | No                                                                                                                                                                                                          |         |

## US state regulations

**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))**

methanol (CAS 67-56-1)

**US. New Jersey Worker and Community Right-to-Know Act**

carbon dioxide (CAS 124-38-9)

methanol (CAS 67-56-1)

**US. Massachusetts RTK - Substance List**

carbon dioxide (CAS 124-38-9)

methanol (CAS 67-56-1)

**US. Pennsylvania Worker and Community Right-to-Know Law**

carbon dioxide (CAS 124-38-9)

methanol (CAS 67-56-1)

**US. Rhode Island RTK**

carbon dioxide (CAS 124-38-9)

methanol (CAS 67-56-1)

**US. California Proposition 65**

WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance**

diethanolamine (CAS 111-42-2)

Listed: June 22, 2012

**US - California Proposition 65 - CRT: Listed date/Developmental toxin**

methanol (CAS 67-56-1)

Listed: March 16, 2012

## Volatile organic compounds (VOC) regulations

### EPA

**VOC content (40 CFR 51.100(s))** 89.9 %

**Consumer products (40 CFR 59, Subpt. C)** Not regulated

### State

**Consumer products** Not regulated

**VOC content (CA)** 89.9 %

**VOC content (OTC)** 89.9 %

## International Inventories

| Country(s) or region        | Inventory name                                                         | On inventory (yes/no)* |
|-----------------------------|------------------------------------------------------------------------|------------------------|
| Australia                   | Australian Inventory of Chemical Substances (AICS)                     | No                     |
| Canada                      | Domestic Substances List (DSL)                                         | Yes                    |
| Canada                      | Non-Domestic Substances List (NDSL)                                    | No                     |
| China                       | Inventory of Existing Chemical Substances in China (IECSC)             | Yes                    |
| Europe                      | European Inventory of Existing Commercial Chemical Substances (EINECS) | No                     |
| Europe                      | European List of Notified Chemical Substances (ELINCS)                 | No                     |
| Japan                       | Inventory of Existing and New Chemical Substances (ENCS)               | No                     |
| Korea                       | Existing Chemicals List (ECL)                                          | No                     |
| New Zealand                 | New Zealand Inventory                                                  | No                     |
| Philippines                 | Philippine Inventory of Chemicals and Chemical Substances (PICCS)      | No                     |
| United States & Puerto Rico | Toxic Substances Control Act (TSCA) Inventory                          | Yes                    |

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

## 16. Other information, including date of preparation or last revision

**Issue date** 05-21-2015  
**Revision date** 08-07-2017  
**Prepared by** Allison Yoon

**Version #** 03  
**Further information** CRC # 638/1002679  
**HMIS® ratings** Health: 2\*  
Flammability: 4  
Physical hazard: 0  
Personal protection: B  
**NFPA ratings** Health: 2  
Flammability: 4  
Instability: 0

**NFPA ratings**



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**Revision Information**

This document has undergone significant changes and should be reviewed in its entirety.