

# Safety Data Sheet



**C K Enterprises, Inc.**  
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## Section 1. Chemical Product and Company Identification

**Product Name** CK Ice Melt  
**Product Use** Frost and Ice Remover  
**Product Code** 6857-A20  
**Date of Issue** 7/5/2017  
**Supersedes** 1/7/2016

**Emergency Telephone Numbers**  
**CHEMTREC- 1-800-424-9300**

(For use only in the event of emergencies involving a spill, leak, fire, exposure, or accident involving chemicals)

## Section 2. Hazards Identification

### Emergency Overview

**DANGER**



### Health Hazards

Acute Toxicity; Oral, Dermal, Inhalation Category 3  
Specific Target Organ Toxicity, single exposure Category 1  
Specific Target Organ Toxicity, repeated exposure Category 2

### Physical Hazards

Flammable aerosol Category 1

### Precautionary Statements:

P210 Keep away from heat, sparks, open flames and hot surfaces – no smoking  
P211 Do not spray on to flames or other ignition sources  
P251 Pressurized container: Do not pierce or burn even after use  
P260 Do not breathe in mist, spray or vapors  
P264 Wash hands thoroughly after handling  
P270 Do not eat, drink or smoke while using product  
P271 Use outdoors or in a well-ventilated area  
P280 Wear protective gloves, clothing and eye protection  
P301+P310 IF SWALLOWED: Immediately call a poison center or physician  
P302+P352 IF ON SKIN: Wash with plenty of soap and water  
P304+P340 IF INHALED: Remove victim to fresh air and keep in a recovery position comfortable for breathing  
P307+P311 IF exposed: Call a poison center or physician  
P362 Remove contaminated clothing and wash before reuse  
P403+P233 Store in a well-ventilated area. Keep cool.  
P405 Store locked up  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 122°F.  
P501 Dispose of in accordance with all federal, state and local regulations

### Hazard Statements:

H222 Extremely flammable aerosol  
H301 Toxic if swallowed  
H311 Toxic in contact with skin  
H331 Toxic if inhaled  
H370 Causes damage to organs  
H373 Causes damage to organs through prolonged or repeated exposure

Routes of Entry Dermal, Oral, and Inhalation

**Acute Effects:**

<b>Eyes</b>	Overexposure can cause redness and burning sensation
<b>Skin</b>	Overexposure can cause defatting.
<b>Inhalation</b>	Causes irritation, headache, dizziness, nausea and loss of coordination. Overexposure can cause unconsciousness and even death.
<b>Ingestion</b>	Nausea, vomiting and gastrointestinal distress

**Section 3. Composition/Information on Ingredients**

<b>Name of Hazardous Ingredients</b>	<b>CAS Number</b>	<b>% by Weight</b>
Methanol	67-56-1	65-85
Ethylene Glycol	107-21-1	20-40
Carbon Dioxide	124-38-9	1-5

**Section 4. First Aid Measures**

<b>Eye Contact</b>	Rinse cautiously with water for at least 15 minutes holding open eyelids. Remove contact lenses if present and easy to do. If irritation persists, get medical advice or attention.
<b>Skin Contact</b>	Remove all contaminated clothing; wash before reuse. Wash skin with water for at least 15 minutes. Call a poison center or doctor if you feel unwell.
<b>Inhalation</b>	Remove to fresh air. Call a poison center or doctor if you feel unwell.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting. Immediately call a poison center or physician. If vomiting occurs, lie on your side in the recovery position. Never give anything orally to an unconscious person.

**Section 5. Fire Fighting Measures**

National Fire Protection Association (U.S.A)  
(estimated rating)



<b>Hazardous Combustion Products</b>	CO and CO <sub>2</sub>
<b>Extinguishing Media</b>	Water, fog, dry chemical or carbon dioxide
<b>Unsuitable Extinguishing Media</b>	Water may be ineffective but can be used to cool containers
<b>Fire Fighting Procedures</b>	Stop spill/release if it can be done without risk. Move undamaged containers if it can be done safely. Contents under pressure. Keep away from ignition sources and open flames. Exposure to extreme heat and flames can cause them to rupture often with violent force.

**Section 6. Accidental Release Measures**

<b>Spill Clean Up</b>	Stop spill/release if it can be done without risk. Prevent spilled material from entering sewers, storm drains and waterways. Eliminate all ignition sources. Avoid contact with spilled material. Do not touch or walk through spilled material. Clean up immediately. Use absorbent sweeping compound to soak up material and put into suitable container for disposal.
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**Section 7. Handling and Storage**

<b>Handling and Storage</b>	For industrial use only. Keep away from children. Wash hands after use. Do not get in eyes, on skin or on clothing. Do not breathe in vapors. Do not eat, drink or smoke while using product. Store in a cool, dry place. Protect from sunlight. Empty containers retain residue that may be dangerous.
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**Section 8. Exposure Controls/Personal Protection****Exposure Limits**

Product Name	OSHA PEL	NIOSH REL	AIHA WEEL	ACGIH TLV
Methanol (67-56-1)	200ppm	200ppm	-	200ppm
Ethylene Glycol (107-21-1)	-	-	-	100mg/m <sup>3</sup>
Carbon Dioxide (124-38-9)	5,000ppm	5.000ppm	-	5,000ppm

**Engineering Controls** Use in a well-ventilated area. When spraying more than one half can continuously or more than one can consecutively, use a NIOSH approved respirator. Do not use in an area where there is little to no ventilation.

**Personal Protective Equipment (PPE)**

**Eyes** Chemical splash goggles  
**Body** Rubber or neoprene gloves, long sleeved shirt and pants  
**Respiratory** Use a NIOSH approved respirator if TLV are reached or exceeded

**Section 9. Physical and Chemical Properties**

<b>Physical State</b>	Aerosol	<b>% VOC</b>	66.74
<b>Color</b>	Clear	<b>Vapor Pressure</b>	N/A
<b>Odor</b>	Characteristic odor	<b>Vapor Density</b>	Slower than ether
<b>Odor Threshold</b>	N/A	<b>Density</b>	7.28363 lb/gal
<b>pH</b>	N/A	<b>Solubility</b>	N/A
<b>Freezing Point</b>	N/A	<b>Partition Coefficient</b>	N/A
<b>Boiling Point</b>	N/A	<b>Auto-Ignition Temp.</b>	N/A
<b>Flash Point</b>	<73°F	<b>Decomposition Temp.</b>	N/A
<b>Evaporation Rate</b>	Slower than ether	<b>Viscosity</b>	N/A
<b>Flammability</b>	Extremely flammable aerosol	<b>Specific Gravity</b>	N/A

**Section 10. Stability and Reactivity**

<b>Stability and Reactivity</b>	Stable
<b>Incompatibility</b>	None known
<b>Hazardous Polymerization</b>	Will not occur
<b>Hazardous Decomposition Products</b>	CO and CO <sub>2</sub>
<b>Conditions to Avoid</b>	High temperatures

**Section 11. Toxicological Information**

<b>Routes of Entry</b>	Dermal, oral and inhalation
<b>Symptoms</b>	See section 2
<b>Skin Irritant</b>	Yes, cause skin irritation, causes defatting of the skin, and redness.
<b>Eye Irritant</b>	Yes. Overexposure will cause burning. Causes serious eye irritation
<b>Sensitizers</b>	Not determined
<b>Mutagenicity</b>	No information found
<b>Carcinogenicity</b>	Not classified as a carcinogen
<b>Reproductive Toxicity</b>	No information found
<b>Target Organs</b>	Causes damage to organs (Category 1) May cause damage to organs through prolonged or repeated exposure (Category 2) Methanol when ingested may cause metabolic acidosis which may to blindness, coma or even death.

There is no toxicological data for this product as a whole. Based on relevant ingredients with known acute toxicity, the acute toxicity estimate using the additive formula (ATE) has been determined.

#### Acute Toxicity

Test	Results	Basis
Dermal	383mg/kg	ATE determined Category 3
Oral	128mg/kg	ATE determined Category 3
Inhalation	2.68mg/l	ATE determined Category 3

### Section 12. Ecological Information

**Environmental Effects** No ecological information available

### Section 13. Disposal Considerations

**Waste Information** Dispose of in accordance with all Federal, State and Local pollution control regulations.

### Section 14. Transportation Information

Regulatory Information	UN number	Proper Shipping Name	Classes	Packaging Group	Label Code
DOT Classification	-	Consumer Commodity	ORM-D	-	None

Note: DOT Classification applies to most packaging sizes. For specific container size classifications or for size exceptions, refer to the Bill of Lading with your shipment.

### Section 15. Regulatory Information

**US Federal Regulations** The following substances are listed as a toxic chemical and are subject to report under the SARA act Section 313:

Methanol	67-56-1	65-85%
Ethylene Glycol	107-21-1	20-40

The following substances have CERCLA reportable quantity values (in pounds):

<b>Methanol</b>	<b>67-56-1</b>	<b>5,000</b>
<b>Ethylene Glycol</b>	<b>107-21-1</b>	<b>5,000</b>

**State Regulations** The following substance is found by the State of California Prop 65 for causing developmental toxicity:

**Methanol 67-56-1**

### Section 16. Other Information

**Last Revision** 7/5/2017

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.