

## SAFETY DATA SHEET

According to Federal Register / Vol. No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Revision Date: 04/15/2015

### Section 1 – Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1 – Product Identifier

**Product Form:** Mixture  
**Product Name:** Winter Rinse Ice Melter Film Remover  
**Product Code:** 4546-03

#### 1.2 – Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

**Use of the Substance/Mixture:** Cleaning (Liquids)

#### 1.3 – Details of the Supplier of the Safety Data Sheet

**Sold By:** Gabriel First Corp.  
**Address:** 233 W. Commercial Street  
East Rochester, NY 14445  
**Telephone:** 585-381-7000

#### 1.4 – Emergency Telephone Number

**Emergency Number:** 800-424-9300

### Section 2 – Hazards Identification

#### 2.1 – Classification of the Substance or Mixture

**Classification (GHS-US)**  
**Eye Irrit. 2A:** H319  
Full text of H-phrases: see Section 16.

#### 2.2 – Label Elements

**GHS-US Labeling**

**Hazard Pictograms (GHS-US):**



GHS07

**Signal Word (GHS-US):** Warning

**Hazard Statements (GHS-US):** H319 - Causes serious eye irritation.

**Precautionary Statements (GHS-US):** P264 - Wash hands and forearms thoroughly after handling.  
P280 - Wear protective gloves/eye protection/face protection.  
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313 - If eye irritation persists: Get medical advice/attention.

#### 2.3 – Other Hazards

No additional information available.

#### 2.4 – Unknown Acute Toxicity (GHS-US)

Not applicable.

### Section 3 – Composition/Information on Ingredients

#### 3.1 – Substance

Not applicable.

#### 3.2 – Mixture

Name	Product Identifier	%	Classification (GHS-US)
Tetrasodium Ethylene Diamine Tetracetate	(CAS No) 64-02-8	1 - 5	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318
2-Propanol	(CAS No) 67-63-0	1 - 5	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336

**Full text of H-phrases:** See Section 16.

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### Section 4 – First Aid Measures

#### 4.1 – Description of First Aid Measures

<b>First Aid Measures General:</b>	Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
<b>First Aid Measures After Inhalation:</b>	Assure fresh air breathing. Allow the victim to rest.
<b>First Aid Measures After Skin Contact:</b>	Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse.
<b>First Aid Measures After Eye Contact:</b>	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.
<b>First Aid Measures After Ingestion:</b>	Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention.

#### 4.2 – Most Important Symptoms and Effects, Both Acute and Delayed

**Symptoms/Injuries After Eye Contact:** Causes serious eye irritation.

#### 4.3 – Indication of Any Immediate Medical Attention and Special Treatment Needed

No additional information available.

### Section 5 – Firefighting Measures

#### 5.1 – Extinguishing Media

<b>Suitable Extinguishing Media:</b>	Foam. Dry powder. Carbon dioxide. Water spray. Sand.
<b>Unsuitable Extinguishing Media:</b>	Do not use a heavy water stream.

#### 5.2 – Special Hazards Arising From the Substance or Mixture

No additional information available.

#### 5.3 – Advice for Firefighters

<b>Firefighting Instructions:</b>	Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
<b>Protection During Firefighting:</b>	Do not enter fire area without proper protective equipment, including respiratory protection.

### Section 6 – Accidental Release Measures

#### 6.1 – Personal Precautions, Protective Equipment and Emergency Procedures

<b>6.1.1: For Non-Emergency Personnel</b>	
<b>Emergency Procedures:</b>	Evacuate unnecessary personnel.
<b>6.1.2: For Emergency Responders</b>	
<b>Protective Equipment:</b>	Equip cleanup crew with proper protection.
<b>Emergency Procedures:</b>	Ventilate area.

#### 6.2 – Environmental Precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

#### 6.3 – Methods and Material for Containment and Cleaning Up

<b>Methods for Cleaning Up:</b>	Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
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#### 6.4 – Reference to Other Sections

See Heading 8. Exposure controls and personal protection.

### Section 7 – Handling and Storage

#### 7.1 – Precautions for Safe Handling

<b>Precautions for Safe Handling:</b>	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor.
<b>Hygiene Measures:</b>	Wash hands and forearms thoroughly after handling.

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### 7.2 – Conditions for Safe Storage, Including Any Incompatibilities

**Storage Conditions:** Keep only in the original container in a cool, well ventilated place away from heat, hot surfaces, sparks, open flame and other ignition sources. No smoking. Keep container closed when not in use.

**Incompatible Products:** Strong bases. Strong acids.

**Incompatible Materials:** Sources of ignition. Direct sunlight.

### 7.3 – Specific End Use(s)

No additional information available.

## Section 8 – Exposure Controls/Personal Protection

### 8.1 – Control Parameters

Winter Rinse		
ACGIH	Not applicable	
OSHA	Not applicable	
2-Propanol (67-63-0)		
ACGIH	ACGIH TWA (ppm)	200 ppm
ACGIH	ACGIH STEL (ppm)	200 ppm
ACGIH	Remark (ACGIH)	Eye & URT irr; CNS impair
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	980 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	400 ppm
Tetrasodium Ethylene Diamine Tetracetate (64-02-8)		
ACGIH	Not applicable	
OSHA	Not applicable	

### 8.2 – Exposure Controls

**Personal Protective Equipment:** Not required for normal conditions of use.

**Hand Protection:** Not required for normal conditions of use.

**Eye Protection:** Even though no eye contact is expected under reasonable normal conditions of use, appropriate eye protection should be worn when handling this material.

**Skin and Body Protection:** Avoid all contact with skin, eyes, or clothing. Wash thoroughly after handling. Wash clothing before reuse.

**Respiratory Protection:** No special requirements.

**Other Information:** Do not eat, drink or smoke during use.

## Section 9 – Physical and Chemical Properties

### 9.1 – Information on Basic Physical and Chemical Properties

<b>Physical State:</b>	Liquid
<b>Color:</b>	Clear
<b>Odor:</b>	Mild
<b>Odor Threshold:</b>	No data available
<b>pH:</b>	6
<b>Melting Point:</b>	No data available
<b>Freezing Point:</b>	No data available
<b>Boiling Point:</b>	212 - 220 °F
<b>Flash Point:</b>	≥ 200 °F
<b>Relative Evaporation Rate (butyl acetate=1):</b>	No data available
<b>Flammability (solid, gas):</b>	No data available
<b>Explosive Limits:</b>	No data available
<b>Explosive Properties:</b>	No data available
<b>Oxidizing Properties:</b>	No data available
<b>Vapor Pressure:</b>	No data available

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<b>Relative Density:</b>	1.01
<b>Relative Vapor Density at 20 °C:</b>	Same as water
<b>Solubility:</b>	Soluble in water Water: Solubility in water of component(s) of the mixture: •: •: 103 g/100ml •: 42 g/100ml •: 66 g/100ml
<b>Log Pow:</b>	No data available
<b>Log Kow:</b>	No data available
<b>Auto-Ignition Temperature:</b>	No data available
<b>Decomposition Temperature:</b>	No data available
<b>Viscosity:</b>	No data available
<b>Viscosity, Kinematic:</b>	No data available
<b>Viscosity, Dynamic:</b>	No data available

### 9.2 – Other Information

No additional information available.

## Section 10 – Stability and Reactivity

### 10.1 – Reactivity

No additional information available.

### 10.2 – Chemical Stability

Stable under normal conditions. Not established.

### 10.3 – Possibility of Hazardous Reactions

Not established.

### 10.4 – Conditions to Avoid

Direct sunlight. Extremely high or low temperatures.

### 10.5 – Incompatible Materials

Strong acids. Strong bases.

### 10.6 – Hazardous Decomposition Products

Fume. Carbon monoxide. Carbon dioxide.

## Section 11 – Toxicological Information

### 11.1 – Information on Toxicological Effects

**Acute toxicity:** Not classified

2-Propanol (67-63-0)	
LD50 Oral Rat	5045 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; 5840 mg/kg bodyweight; Rat)
LD50 Dermal Rabbit	12870 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402; 16.4; Rabbit)
LC50 Inhalation Rat (mg/l)	73 mg/l/4h (Rat)
ATE US (oral)	5045.000 mg/kg body weight
ATE US (dermal)	12870.000 mg/kg body weight
ATE US (vapors)	73.000 mg/l/4h
ATE US (dust, mist)	73.000 mg/l/4h

Tetrasodium Ethylene Diamine Tetracetate (64-02-8)	
LD50 Oral Rat	> 2000 mg/kg (Rat)
ATE US (oral)	500.000 mg/kg body weight

<b>Skin Corrosion/Irritation:</b>	Not classified pH: 6
<b>Serious Eye Damage/Irritation:</b>	Causes serious eye irritation pH 6
<b>Respiratory or Skin Sensitization:</b>	Not classified
<b>Germ Cell Mutagenicity:</b>	Not classified
<b>Carcinogenicity:</b>	Not classified

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2-Propanol (67-63-0)	
IARC group:	3 - Not classifiable
Reproductive Toxicity:	Not classified
Specific Target Organ Toxicity (single exposure):	Not classified
Specific Target Organ Toxicity (repeated exposure):	Not classified
Aspiration Hazard:	Not classified
Potential Adverse Human Health Effects and Symptoms:	Based on available data, the classification criteria are not met.
Symptoms/Injuries After Eye Contact:	Causes serious eye irritation.

## Section 12 – Ecological Information

### 12.1 – Toxicity

2-Propanol (67-63-0)	
LC50 Fish 1	4200 mg/l (96 h; Rasbora heteromorpha; Flow-through system)
EC50 Daphnia 1	10000 mg/l (48 h; Daphnia magna)
LC50 Fish 2	9640 mg/l (96 h; Pimephales promelas; Lethal)
EC50 Daphnia 2	13299 mg/l (48 h; Daphnia magna)
Threshold Limit Algae 1	> 1000 mg/l (72 h; Scenedesmus subspicatus; Growth rate)
Threshold Limit Algae 2	1800 mg/l (72 h; Algae; Cell numbers)

Tetrasodium Ethylene Diamine Tetracetate (64-02-8)	
LC50 Fish 1	121 mg/l (96 h; Lepomis macrochirus; Soft water)
EC50 Daphnia 1	625 mg/l (24 h; Daphnia magna)
LC50 Fish 2	396 mg/l
Threshold Limit Algae 1	> 100 mg/l (72 h; Scenedesmus subspicatus; Growth)

### 12.2 – Persistence and Degradability

Winter Rinse	
Persistence and Degradability	Not established.

2-Propanol (67-63-0)	
Persistence and Degradability	Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. No (test) data on mobility of the substance available.
Biochemical Oxygen Demand (BOD)	1.19 g O <sub>2</sub> /g substance
Chemical Oxygen Demand (COD)	2.23 g O <sub>2</sub> /g substance
ThOD	2.40 g O <sub>2</sub> /g substance
BOD (% of ThOD)	0.49 % ThOD

Tetrasodium Ethylene Diamine Tetracetate (64-02-8)	
Persistence and Degradability	Not readily biodegradable in water.
Biochemical Oxygen Demand (BOD)	< 0.002 g O <sub>2</sub> /g substance
Chemical Oxygen Demand (COD)	0.54 - 0.58 g O <sub>2</sub> /g substance

### 12.3 – Bioaccumulative Potential

Winter Rinse	
Bioaccumulative Potential	Not established.

2-Propanol (67-63-0)	
Log Pow	0.05 (Experimental value)
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4).

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Tetrasodium Ethylene Diamine Tetracetate (64-02-8)	
Log Pow	-2.6
Bioaccumulative Potential	Bioaccumulation: not applicable.

### 12.4 – Mobility in Soil

2-Propanol (67-63-0)	
Surface Tension	0.021 N/m (25 °C)

### 12.5 – Other Adverse Effects

**Effect on the Global Warming:**

No known ecological damage caused by this product.

**Other Information:**

Avoid release to the environment.

## Section 13 – Disposal Considerations

### 13.1 – Waste Treatment Methods

**Waste Disposal Recommendations:**

Dispose in a safe manner in accordance with local/national regulations.

**Ecology – Waste Materials:**

Avoid release to the environment.

## Section 14 – Transport Information

**Department of Transportation (DOT)**

**In Accordance With DOT**

Not regulated for transport

**Additional Information**

**Other Information:**

No supplementary information available

**ADR:**

No additional information available

**Transport By Sea:**

No additional information available

**Air Transport:**

No additional information available

## Section 15 – Regulatory Information

### 15.1 – US Federal Regulations

2-propanol (67-63-0)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on United States SARA Section 313

Tetrasodium Ethylene Diamine Tetracetate (64-02-8)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

### 15.2 – International Regulations

**Canada**

No additional information available

**EU-Regulations**

No additional information available

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

No additional information available

**Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]**

Not classified

**National Regulations**

No additional information available.

### 15.3 – US State Regulations

No additional information available

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### Section 16 – Other Information

Revision Date: 04/15/2015

Other information: None

#### Full Text of H-phrases:

Acute Tox. 4 (Oral)	Acute toxicity (oral) Category 4
Eye Dam. 1	Serious eye damage/eye irritation Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Flam. Liq. 2	Flammable liquids Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H225	Highly flammable liquid and vapor
H302	Harmful if swallowed
H318	Causes serious eye damage
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness

#### HMIS III Rating

Health

1 - Slight Hazard - Irritation or minor reversible injury possible

Flammability

0 - Minimal Hazard - Materials that will not burn.

Physical

0 - Minimal Hazard – Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

Personal Protection

B

B - Safety glasses, Gloves

SDS US (GHS HazCom 2012)