

Safety Data Sheet - Freezer Cleaner

Chemical Xchange
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Section 1: Identification

GHS product identifier

Product name: Freezer Cleaner RTU
Product Code: 41

Recommended uses and uses advised against

Recommended use: Low temperature surface cleaning

Uses not recommended: None.

Supplier details

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(909) 979-1875

Emergency telephone number

Infotrac: (800) 535-5053

Section 2: Hazard identification

United States (US)

According to OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012

Eye Damage/Irritation 2B (Mild Irritant)

Label Elements

OSHA HCS 2012

Hazard Statements

Warning

H320 Causes eye irritation.

Precautionary Statements

Prevention

P264 Wash hands and skin after handling.

Response

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 attention or advice.

Storage/Disposal

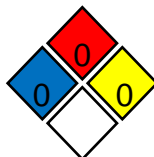
Other hazards

OSHA HCS 2012

No data available.

Other information

NFPA



Section 3: Composition/Information on Ingredients

Substances

Material does not meet the criteria of a substance.

Mixtures

Propylene Glycol	[None Specified]	CAS No. 57-55-6	12% - 44%	
Proprietary Dispersants/Stabilizers	[Proprietary Dispersants]	CAS No. Not Applicable	0% - 12%	
Glycol Ether EB	[Butyl Glycol Ether]	CAS No. 111-76-2	0% - 12%	

See section 11 for toxicological information.

Section 4: First-Aid Measures

Description of first aid measures

Inhalation:

Move victim to fresh air.

Skin:

Immediately flush skin with running water for at least 20 minutes. Wash clothing before reuse.

Eye:

Irrigate with water immediately.

Ingestion:

No adverse effects anticipated by this route of exposure incidental to proper industrial handling.

Most important symptoms and effects, both acute and delayed

Refer to section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed:

All treatments should be based on observed signs and symptoms of distress in the patient.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media:

Streaming water.

Unsuitable extinguishing media:

No data available.

Special hazards arising from the substance or mixture

Unusual fire and explosion hazards:

Material data lacking.

Hazardous combustion products:

Material data lacking.

Advice for firefighters

Use water spray to cool containers exposed to fire.

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal precautions:

Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material.

Emergency procedures:

Environmental precautions
 As an immediate precautionary measure, isolate spill or leak for at least 50 meters.
 Avoid run off to waterways and sewers.

Methods and material for containment and clean-up
 Stop leak if you can do it without risk.

Section 7: Handling and Storage

Precautions for safe handling

Handling: Follow general workplace safety guidelines.

Conditions for safe storage, including any incompatibilities

Storage: Store at or near room temperature. Keep container closed when not in use.
 Incompatible materials or ignition sources: Material data lacking

Section 8: Exposure Controls/Personal Protection

Control parameters

Component	Result	Exposure Limits/Guidelines		
		NIOSH	ACGIH	Canada Ontario
Propylene Glycol CAS No. 57-55-6	STELs	Data lacking	Data lacking	Data lacking
	TWAs	Data lacking	Data lacking	Data lacking
Proprietary Dispersants/Stabilizers CAS No. Not Applicable	STELs	Data lacking	Data lacking	Data lacking
	TWAs	Data lacking	Data lacking	Data lacking

Exposure controls

Engineering measures and controls: Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limit values.

Incompatible materials or ignition sources:
 Pictograms:



Respiratory: Not required.
 Eye and face: Must wear goggles when using this product.
 Hands: Must wear chemical protective gloves when using this product.
 Skin and body: Chemical protective clothing not required but may be employed if desired.

General industrial hygiene considerations: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling.

Environmental exposure controls: Follow best practice for site management and disposal of waste. Avoid release to the environment.

Key to Abbreviations

ACGIH= American Conference of Governmental Industrial Hygiene TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures NIOSH= National Institute of Occupational Safety and Health STEL = Short Term Exposure Limits are based on 15-minute exposures OSHA =Occupational Safety and Health Administration STEV = Short Term Exposure Value
 MSHA = Mine Safety and Health Administration

Section 9: Physical and Chemical Properties

Information on physical and chemical properties

Material Description				
Physical Form	Liquid		Appearance/Description	Slightly viscous liquid.
Color	Light blue		Odor	Surfactant odor
Taste	Data lacking		Particulate Type	Not relevant
Particulate Size	Not relevant		Aerosol Type	Not relevant
Odor Threshold	Data lacking		Physical and Chemical Properties	Data lacking
General Properties				

Boiling Point	Data lacking		Melting Point	Data lacking
Decomposition Temperature	Data lacking		Heat of Decomposition	Data lacking
pH	Data lacking		Specific Gravity/Relative Density	1.0312
Density	Data lacking		Bulk Density	Data lacking
Water Solubility	Data lacking		Solvent Solubility	Data lacking
Viscosity	Data lacking		Explosive Properties	Classification criteria not met
Oxidizing Properties:	Data lacking			
Volatility				
Vapor Pressure	Data lacking		Vapor Density	Data lacking
Evaporation Rate			VOC (Wt.)	Data lacking
VOC (Vol.)	Data lacking		Volatiles (Wt.)	Data lacking
Volatiles (Vol.)	Data lacking			
Flammability				
Flash Point	Data lacking		UEL	Data lacking
LEL	Data lacking		Autoignition	Data lacking
Self-Accelerating Decomposition Temperature (SADT)	Data lacking		Heat of Combustion (ΔHc)	Data lacking
Burning Time	Data lacking		Flame Duration	Data lacking
Flame Height	Data lacking		Flame Extension	Data lacking
Ignition Distance	Data lacking		Flammability (solid, gas)	Data lacking
Environmental				
Half-Life	Data lacking		Octanol/Water Partition coefficient	Data lacking
Coefficient of water/oil distribution	Data lacking		Bioaccumulation Factor	Data lacking
Bioconcentration Factor	Data lacking		Biochemical Oxygen Demand BOD/BOD5	Data lacking
Chemical Oxygen Demand	Data lacking		Persistence	Data lacking
Degradation	Data lacking			

Section 10: Stability and Reactivity

Reactivity	Not reactive.
Chemical stability	Stable under normal conditons.
Possible hazardous reactions	None under normal conditons.
Conditions to avoid	Avoid contact with oxidizing materials.
Incompatible materials	Material data lacking
Hazardous decomposition products	Material data lacking.

Section 11: Toxicological Information

Information on toxicological effects

Component	CAS No.	Data
Propylene Glycol	57-55-6	Oral: LD50 (rat) 20,000 - 34,000 mg/kg LD50 skin absorbtion (rabbits) > 10,000 mg/kg In vitro mutagenicity studies were negative.

Component	CAS No.	Data
Proprietary Dispersants/Stabilizers	Not Applicable	Data lacking Data lacking Data lacking

Target organs

No data available.

Routes of entry and/or exposure

No data available.

Potential health effects

Inhalation

Acute (immediate):

At room temperature, vapors are minimal due to physical properties. Mists may cause irritation.

Chronic (delayed):

No data available.

Skin

Acute (immediate):

Prolonged contact is essentially non-irritating to the skin.

Chronic (delayed):

No data available.

Ingestion

Acute (immediate):

Single dose oral toxicity is considered to be extremely low.

Chronic (delayed):

No data available.

Eye

Acute (immediate):

May cause slight, transient or temporary eye irritation. Corneal injury is unlikely.

Chronic (delayed):

No data available.

Section 12: Ecological Information

Toxicity

Material is practically non-toxic to aquatic organisms. LC50 for fathead minnow (*pimephales promelas*) is 46,500 - 54,900 mg/L

Persistence and degradability

Material data lacking.

Bioaccumulative potential

Material data lacking.

Mobility in soil

Material data lacking.

Other adverse effects

No studies have been found.

Other information

No additional information available.

Section 13: Disposal Considerations

Waste treatment methods

Product waste

Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste

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

Section 14: Transport Information

UN Proper Shipping Name and D.O.T. Information

Transport containers shall be physically secured to the transporting vehicle to prevent accidental loss, tampering, or unauthorized removal.

Section 15: Regulatory Information

Safety, health and environmental regulations specific to substance or mixture

SARA hazard classifications:

Section 16: Other Information

Last revision date:

10/7/2016

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5/2/2017

Disclaimer and statement of liability:

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.