

Revision Date: 04-Mar-2015

Safety Data Sheet

Section 1: IDENTIFICATION

Product Identifier

Product Name: Freezer Cleaner Rtu
Product Number: 240
Recommended Use: Cleaner designed for freezers and cold temperature cleaning
Uses Advised Against: For Industrial and Institutional Use Only

Manufacturer/Supplier:



RONBAR LABORATORIES INC.
5202 VAN DAM ST.
LONG ISLAND CITY, NY. 11101

1.4. (24 Hour) Emergency telephone number
INFOTRAC: 800-535-5053 (North America)
352-323-3500 (International)

Section 2: HAZARDS IDENTIFICATION

This product is not regulated under 2012 OSHA Hazard Communication Standards (29 CFR 1910.1200). This product has been classified and labeled in accordance with the CPSC Federal Hazardous Substances Act (16 CFR 1500).

OSHA HCS 2012

Label Elements

Signal Word: Warning

Hazard Symbol(s)/Pictogram(s):



Hazard Statements: H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness.

Precautionary Statements:

P210: Keep away from heat/sparks/open flames/hot surfaces. -- No smoking. P233: Keep container tightly closed P261: Avoid breathing mist / vapours. P264: Wash skin thoroughly after handling P280: Wear protective gloves and eye / faceprotection. P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312: Call a POISON CENTER or doctor/physician if you feel unwell. P337 + P313: If eye irritation persists: Get medical advice/attention. P501: Dispose of contents and container in accordance with local regulations.

Hazards Not Otherwise Classified (HNOC): Not applicable

Other Information: None Known.

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient</u>	<u>CAS Number</u>	<u>Percent Range</u>
Water	7732-18-5	80-90%*
Isopropyl Alcohol	67-63-0	1-5%
Propylene Glycol	57-55-6	10-20%
Other non reportable ingredients	NA	<5%

*specific percentages of composition are being withheld as a trade secret

Section 4: FIRST-AID MEASURES

Inhalation: Not expected to cause respiratory irritation. If adverse effect occurs, move to fresh air.

Skin Contact: Not expected to cause skin irritation. If adverse effect occurs, rinse skin with water.

Eye Contact: 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.

Ingestion: May cause upset stomach. Drink plenty of water to dilute. See section 11.

Most Important Symptoms/Effects, Acute and Delayed: None known.

Indication of Immediate Medical Attention and Special Treatment Needed, if necessary: Treat symptomatically

Section 5: FIRE-FIGHTING MEASURES

Suitable & Unsuitable Extinguishing Media: Use Dry chemical, CO₂, water spray or "alcohol" foam. Avoid high volume jet water.

Specific Hazards Arising from Chemical: In event of fire, fire created carbon oxides may be formed.

Special Protective Actions for Fire-Fighters: Wear positive pressure self-contained breathing apparatus; Wear full protective clothing.

Section 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: *For non-emergency and emergency personnel:* See section 8 – personal protection. Avoid eye contact. Safety goggles suggested.

Environmental Precautions: Do not allow into open waterways and ground water systems.

Methods and Materials for Containment and Clean Up: Dike or soak up with inert absorbent material. See section 13 for disposal considerations.

Section 7: HANDLING AND STORAGE

Precautions for safe handling: Ensure adequate ventilation. Keep out of reach of children. Keep away from heat, sparks, open flame and direct sunlight. Do not pierce any part of the container. Do not mix or contaminate with any other chemical. Do not eat, drink or smoke while using this product.

Conditions for safe storage including incompatibilities: Keep container tightly closed. Keep in cool dry area. Avoid prolonged exposure to sunlight. Do not store at temperatures above 109°F (42.7°C). If separation occurs, mix the product for reconstitution.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits/standards (Note: Exposure limits are not additive)

Substance Name	Form	Limit /Standard			NOTE	Source
ISOPROPYL ALCOHOL		TWA	980 mg/m ³	400 com	N A	OSHA Z1
ISOPROPYL ALCOHOL		STEL	400 com		NIA	ACGIH
ISOPROPYL ALCOHOL		TWA	200 com		N A	ACGIH

Appropriate Engineering Controls: Showers, eyewash stations, ventilation systems

Individual Protection Measures / Personal Protective Equipment (PPE)

Eye Contact: Use protective glasses or safety goggles if splashing or spray-back is likely.

Respiratory: Use in well ventilated areas or local exhaust ventilations when cleaning small spaces.

Skin Contact: Use protective gloves (any material) when used for prolonged periods or dermally sensitive.

General Hygiene Considerations: Wash thoroughly after handling and before eating or drinking.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear Liquid	Partition Coefficient: n-octanol/water:	Not determined
Odor:	Mild alcohol	Autoignition Temperature:	Non-flammable
Odor Threshold:	Not determined	Decomposition Temperature:	Not Determined
pH:	8.0 – 10.0	Viscosity:	Like water
Freezing Point:	Not Determined	Specific Gravity :	0.99 – 1.01
Boiling Point & Range:	Not tested	VOCs:	Not Determined
Flash Point:	120°F	SCAQMD 304-91 / EPA 24:	Not tested
Evaporation Rate:	Not determined	CARB Method 310**:	Not Determined
Flammability (solid, gas):	Not applicable	SCAQMD Method 313:	Not tested
Upper/Lower Flammability or Explosive Limits:	Not applicable	VOC Composite Partial Pressure:	Not determined
Vapor Pressure :	Not determined	Relative Density:	8.25 – 8.42 lb/gal
Vapor Density:	Not determined	Solubility:	100% in water

Section 10: STABILITY AND REACTIVITY

Reactivity:	Non-reactive.
Chemical Stability:	Stable under normal conditions 70°F (21°C) and 14.7 psig (760 mmHg).
Possibility of Hazardous Reactions:	None known.
Conditions to Avoid:	Excessive heat or cold.
Incompatible Materials:	Do not mix with oxidizers, acids, bathroom cleaners, or disinfecting agents.
Hazardous Decomposition Products:	Normal products of combustion - CO, CO2.

Section 11: TOXICOLOGICAL INFORMATION

Likely Routes of Exposure:	Eyes, Skin, Ingestion, Inhalation.
Symptoms of Exposure:	
-Eye Contact:	Pain and redness.
-Skin Contact:	Drying of the skin.
-Inhalation:	Nasal discomfort and coughing.
-Ingestion:	Pain, nausea, vomiting and diarrhea.
Immediate, Delayed, Chronic Effects	
Product Information:	Data not available or insufficient for classification.
Target Organ Effects:	-Eyes. Respiratory System. -Skin.

Ingredients:		
Chemical Name	Oral LD50	Dermal LD 50
Water 7732-18-5	>90 mg/kg rat	N/A
Isopropanol	4396 mg/kg Rat	12800 mg/kg rat 12870mg/kg rabbit
Propylene Glycol	22000 mg/kg rabbit	>2000 mg/kg rabbit

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Volume of ingredients used does not trigger toxicity classifications under the Globally Harmonized System of Classification and Labelling of Chemicals.
Aquatic:	Not tested on finished formulation.
Terrestrial:	Not tested on finished formulation.
Persistence and Degradability:	No data available.
Bioaccumulative Potential:	No data available.
Mobility in Soil:	No data available.
Other Adverse Effects:	No data available.

Section 13: DISPOSAL CONSIDERATIONS

Unused or Used Liquid: May be considered hazardous in your area depending on usage and tonnage of disposal – check with local, regional, and or national regulations for appropriate methods of disposal.

Empty Containers: May be offered for recycling.

Never dispose of used degreasing rinsates into lakes, streams, and open bodies of water or storm drains.

Section 14: TRANSPORT INFORMATION

This is a combustible product. A DOT exemption is applicable to containers $\leq$ 119 gallons when shipped domestically by ground.

U.N. Number:	Not applicable	U.N. Proper Shipping Name:	Cleaning Compound, Liquid NOI
Transport Hazard Class(es):	Not applicable	NMFC Number:	48580-3
Packing Group:	Not applicable	Class:	55
Environmental Hazards:	Marine Pollutant - NO		

Special precautions which user needs to be aware of/comply with, in connection with transport or conveyance either within or outside their premises: None known

Section 15: REGULATORY INFORMATION

All components are listed on: TSCA and DSL Inventory.

SARA Title III: Sections 311/312 Hazard Categories – Isopropyl alcohol, Fire. Immediate health. Delayed health. Sections 313 Superfund – Isopropyl alcohol is reportable only when it is manufactured in a strong acid process.

Clean Air Act (CAA): Not Applicable

Clean Water Act (CWA): Not applicable

State Right To Know Lists: Isopropyl Alcohol (67-63-0): Massachusetts, Pennsylvania, Illinois, Minnesota, New Jersey, Rhode Island
Propylene glycol (57-55-6) : New Jersey, Pennsylvania

TSCA INVENTORY STATUS: ALL COMPONENTS ARE LISTED ON THE INVENTORY.

California Proposition 65: No ingredients listed

Section 16: OTHER INFORMATION

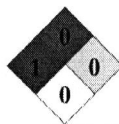
NFPA:

Health – Eye Irritant

Flammability – Non-flammable

Stability – Stable

Special - None



Acronyms

NTP National Toxicology Program

OSHA Occupational Safety and Health Administration

TSCA Toxic Substances Control Act

IARC International Agency for Research on Cancer

CPSC Consumer Product Safety Commission

DSL Domestic Substances List

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

