

Supplied By:



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Material Safety Data Sheet

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200)

**EMERGENCY PHONE:
1-800-535-5053**

Section 1: Product Identification

Product Name: ARCTIC CLEANER
Product Number: K707
Product Use: Sub Zero Detergent, Freezer cleaner
DOT Shipping Name: None

Section 2: Hazardous Ingredient Information

Hazard Chemical Identity

| | CAS No. | ACGIH TLV |
|------------------|----------|-----------|
| Isopropanol | 67-63-0 | 400 ppm |
| Monoethanolamine | 141-43-5 | 3 ppm |

This product does contain toxic chemicals subject to the reporting requirements of section 313 of the emergency planning and community right-to-know act of 1988

Section 3: Physical Data

Color: Clear **Odor:** Alcohol **Physical State:** Liquid
Solubility in Water: Complete **Boiling Point:** Similar to water
Vapor Pressure: Similar to water **Specific Gravity:** 1.019
Vapor Density in Air (Air=1): Similar to water
% Volatile, By Volume: None
Evaporation Rate: Similar to water

Section 4: Fire and Explosion Hazard Data

Flash Point (Method Used): 120°F
Flammable Limits in Air: N.A.
Extinguishing Media: N.A.
Unusual Fire and Explosion Hazards: Firefighters should wear self-contained positive pressure breathing apparatus, and avoid skin contact.

Section 5: Reactivity Data

Chemical Stability: Stable
Conditions to Avoid: Open Flame
Incompatibility (Materials to avoid): None
Hazardous Decomposition Products: Will not decompose
Hazardous Polymerization: Will not occur

Section 6: Toxicological Properties

| Exposure Limits: | acgih |
|------------------|---------|
| Isopropanol | 400 ppm |
| Monoethanolamine | 3 ppm |

Medical Conditions Aggravated by Exposure: None

Acute Toxicity:

Eyes: May be irritating to the eyes.
Skin: May cause skin irritation.
Ingestion: Ingestion can cause irritation of the mouth, throat, esophagus and stomach.
Inhalation: Concentrated vapors may cause irritation of the nose

Chronic Toxicity:

This product does not contain any materials listed on the IARC, OSHA, or NPT carcinogen lists.

Section 7: Precautionary Information

May cause eye irritation. May cause skin irritation upon prolonged or repeated contact. Ingestion may cause irritation of the mouth, throat, esophagus and stomach.

Section 8: Preventative & Control Measures

Respiratory Protection: Not required.
Ventilation: Not required.
Skin Protection: Wear neoprene, PVC, or rubber gloves.
Eye Protection: Wear safety glasses or splashproof chemical goggles.
Hygiene: Avoid contact with skin. Do not eat, drink or smoke in work area. Wash hands prior to eating, drinking, or using restroom. Any protective clothing which becomes contaminated should be thoroughly cleaned before reuse.
Other Control Measures: Safety shower and eye wash should be located in work area.

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Product should be contained and recovered into containers. Product cannot be recovered should be diluted and rinsed down drain. Clean-up personnel should follow all safety precautions during clean-up.
Waste Disposal: Dispose of in accordance with all local, state and federal regulations.

Section 8: Emergency First Aid Procedures

First Aid Notes to Physician:

Eyes: Wash eyes immediately with large amounts of water (preferably eye wash fountain), lifting the upper and lower eyelids and rotating eyeball. Continue washing for a minimum of 15 minutes. Get medical attention immediately.
Skin: Wash off with soap and water.
Ingestion: Induce vomiting by taking drink of a saturated salt solution of sticking finger down throat. Get medical attention immediately.
Inhalation: Move person to fresh air. If breathing stops, administer artificial respiration. Get medical attention immediately.

Section 9: Storage and Handling Precautions

KEEP AWAY FROM FLAMES

Store in closed, properly labeled containers.
DO NOT remove or deface labels.
Use of this product should be limited to properly trained individuals.

Section 10: Preparation Information

Prepared By: Regulatory Affairs Department
Phone: 812-336-4817
Date of Preparation: April, 2004

The above information is believed to be accurate with respect to the formula used to manufacture this product. As data, standards and regulations change and conditions of use and handling are beyond our control. **NO WARRANTY** expressed or implied is made as to the completeness of continuing of this information.

Arctic Cleaner

Technical Data Sheet



**Freezer
Floor
Cleaner**



**Do
Not
Add
Water**

**Ready
To
Use**

Product Description

Arctic Cleaner is specially formulated to work in sub-zero conditions. This product will not freeze when applied to freezer floors and freezer surfaces. Quickly removes grease and built-up dirt in one easy application.

Use Directions

Apply **Arctic Cleaner** full strength (DO NOT ADD WATER) onto freezer floor or surface by pouring directly from gallon container or by saturating a clean, dry mop or cloth. Spread product thoroughly with mop or cloth and allow to stand for 5 minutes. Squeegee product out of freezer area, mop up excess product outside of the freezer area, ring out mop and dispose of product.

Areas of Use

Use on freezer surfaces and freezer floors in kitchens or warehouse facilities.

Safety Precautions

Warning! Avoid open flame. Product contains alcohols which are flammable. May cause irritation to skin and eyes. Concentration of vapors may cause irritation of the nose. Read label and MSDS for complete list of hazards and safety precautions. Keep this product and all chemicals out of the reach of children.

Shipping Classification

None Required

Packaging

4 x 1 gallon case

Properties

| | |
|-----------------------|----------------------------------|
| FORM: | Clear liquid |
| FRAGRANCE: | Alcohol |
| FLASH POINT: | 120 degrees F |
| SOLUBILITY: | Complete |
| BOILING POINT: | Similar to water |
| COMPOSITION: | Isopropanol and Monoethanolamine |