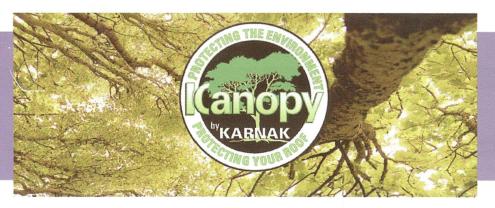
Quality Environmental Solutions



Ammonia-Free Heavy Duty Household Glass Cleaner

DESCRIPTION

A ready to use, ammonia-free, non-streaking, non-smearing, quick drying product that cleans and shines glass, mirrors, sinks, countertops, stainless steel, and other washable surfaces. Can also be used as a light-duty cleaner on all surfaces not harmed by water.

This non-ammoniated ready to use glass cleaner is formulated with a lavender-mint fragrance.

DIRECTIONS

For use on all glass surfaces indoors or outdoors.

1. Spray onto soft, lint free cloth and clean surface.

Best results can be obtained by using a micro fiber cloth for drying and polishing.



PRODUCT SPECIFICATIONS

Color: Fragrance: pH: . Blue

Biodegradability: Solubility:

Complete

Lavender-mint 3.5 – 4.5

Flash Point:

Complete with water None

Viscosity: Foam:

Water thin

Storage/Stability:

1 year

Detergency:

Moderate Excellent Freeze/Thaw Stability: Weight Per Gallon:

Keep from freezing 8.34 lbs. per gallon

KARNAK CORPORATION

330 Central Avenue Clark, NJ. 07066

MATERIAL SAFETY DATA SHEET

N/A= Not Applicable

330 Central Avenue

Clark, NJ. 07066

Lower Explosion Limit: N/A

(Prepared According to 29 CFR 1910.1200) Effective Date: 1/08 Revision: N/A

SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: Heavy Duty Household glass cleaner Supplier's Name: KARNAK CORPORATION

Generic Name: Glass Cleaner Supplier's Address:

Chemical Family: Detergent blend

Formula: Proprietary Supplier's Phone #:

SECTION 2-INGREDIENT INFORMATION CHEMICAL NAME CAS NO. WT. % TWA-TLV STELTLY 7732-18-5 to 100 Water Acetic Acid 64-19-7 0 to 5 Sodium Octanesulfonate 5324-84-5 O to 5 Diethylene Glycol Butyl Ether 112-34-5 0 to 5 Propylene Glycol n-butyl Ether 5131-66-8 0 to 5 Isopropyl Alcohol 67-63-0 0 to 5 Dye Unknown < 0.05 Fragrance N/A <01

> SECTION 3-PHYSICAL DATA SECTION 4-FIRE AND EXPLOSION HAZARD DATA

Boiling Point (°F): 212° F. Vapor Pressure: 20mm Hg @68°F.

Prepared by: Regulatory Affairs Dept.

Vapor Density (Air=1): >1

Specific Gravity: 1.000

pH: 3.5 - 4.5

Evaporation Rate (Water=1): >1 Solubility in Water: Complete Physical Description: Thin clear light blue liquid with pleasant characteristic odor

Upper Explosion Limit: N/A Extinguishing Media: Not required

Special Firefighting Procedures: None Unusual Fire and Explosion Hazards: N/A

Flash Point (Method Used): None

VOC Content: 1.58% by wt.

% Volatile: 80+

SECTION 5-REACTIVITY DATA

Stability: Stable Hazardous Polymerization: None

Hazards Decomposition Products: Not Known Incompatibility (Materials to Avoid): Strong Alkalies, Chlorine

SECTION 6-STORAGE AND HANDLING INFORMATION

Slight eve irritant, Keep out of reach of children, Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Avoid breathing of vapors or mists. Use in well-ventilated area.

SECTION 7-HEALTH HAZARDS AND FIRST AID

Effects of Overexposure:

Skin: May cause dryness of skin with prolonged or repeated contact

Eyes: Mild eye irritant. May cause redness, tearing.

Inhalation: Mists may be slightly irritating with repeated contact

Ingestion: Slightly irritating to throat. May cause, nausea, abdominal pain if large amounts are ingested.

First Aid Procedures:

Skin: Flush with water. Seek medical attention if irritation persists.

Eves: Flush with large quantities of water, holding eyelids open. Seek medical

Inhalation: Get to fresh air. Seek medical attention if symptoms persists.

Ingestion: Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

Acetic Acid

Schum Octane

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: No special requirements Ventilation Requirements: No special requirements

Protective Gloves: Rubber gloves recommended

Eve Protection: Safety glasses recommended.

Other Protective Equipment: None

SECTION 9-SPILL OR LEAK PROCEDURES

Steps to be taken in Case Material is Released or Spilled: Floors will become slippery. Avoid walking in product. Ventilate area well. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to storm sewer or open waterways.

Waste Disposal Method: Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. Disposal to sanitary sewer is permitted. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before offering for recycling.

SECTION 10-REGULATORY INFORMATION

SARA Title III - Section 311/312 - Hazard Categories:

No - Fire Hazard

CAS#

No - Sudden Release of Pressure Hazard

No - Reactivity Hazard

Yes - Immediate (acute) Health Hazard

No - Delayed (chronic) Health Hazard

Shipping Information:

FOR CONTAINERS > 1 Gallon: Cleaning Compound

Non-Hazardous

FOR 1 GALLON CONTAINERS: Cleaning Compound

Non-Hazardous

FOR CONTAINERS < 1 GALLON: Cleaning Compound

HMIS Hazardous Materials Identification System

Health

0 Flammability Reactivity 0 **Personal Protection**

Comment.

FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

Chemical Name

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

Percent by Weight None None This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen. CAS# Chemical Name Percent by Weight None None

SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product