

MATERIAL SAFETY DATA SHEET

11/05/03

CARROLL COMPANY
EMERGENCY TELEPHONES2900 West Kingsley Road
Infotrac 24 HoursGarland, TX 75041
1-800-535-50531-972-278-1304
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SECTION 1 - PRODUCT
 NAME: CONCENTRATED GLASS CLEANER
 Product No: 183
 Product Type: Glass Cleaner / Degreaser

Health	Flammability	Reactivity	PPE
1	2	0	1
Health Haz	Fire Haz	Reactivity	Personal Protection
0= minimal	0= will not burn	0= none	0= not necessary
1= slightly haz	1= FP>141F	1= mild	1= goggles
2= hazardous	2= FP=>73F=<141F	2= strong	2= goggles, gloves
3= serious haz	3= FP<73F		3= goggles, gloves, protective clothes
4= severe haz	4= BP<95F FP by PMCC		4= goggles, gloves & respirator
* DGIS			

SECTION 2 - HAZARDOUS INGREDIENTS
 Isopropanol CAS#67-63-0 WT%= 5.0

SECTION 3 - HEALTH HAZARD & FIRST AID

- Acute Health Effect None
- Chronic Health Effects None
- Carcinogen NO
- Primary Entry Routes:
 - Skin & Eyes: Repeated contact with the skin may be irritating. Eye contact may be slightly irritating.
 - Ingestion: May be harmful.
 - Inhalation: Inhalation of vapor or mist may be irritating.
- First Aid:
 - Skin: Remove contaminated clothing-wash skin with soap and water. If irritation persists get medical attention.
 - Eyes: Wash eyes with large volumes of water for at least 15 minutes while lifting the upper and lower eyelids and rotating the eyeball. Get medical attention if irritation persists.
 - Ingestion: Give large volumes of water. Do not induce vomiting. Get medical attention.
 - Inhalation: Move to fresh air. If symptoms persist seek medical attention.

SECTION 4 PHYSICAL & CHEMICAL CHARACTERISTICS

- Physical State Liquid
- Color Blue
- Odor Floral
- Solubility in water Complete
- Specific Gravity (H2O=1.0) 0.962
- pH 9.3
- Freezing Point N/A
- Flash Point 115 F TCC
- Vapor Pressure N/A

SECTION 5 FIRE AND EXPLOSION HAZARD

- Flash Point 115 F (TCC)
- Extinguishing Media Dry chemical, CO2, Water Fog, Water
- Special Fire Fighting Procedures None
- Unusual Fire & Explosion Hazard Fire fighters should observe all precautions that apply to any fire where chemicals are stored.

SECTION 6 - REACTIVITY DATA

- Stability Stable
- Conditions to Avoid None Known

SECTION 7 - SPILL OR LEAK PROCEDURES

- If product leaks or spills - Flood area with water-mop up dispose to sanitary sewer.
- Abide by Federal, State, and Local regulations.

SECTION 8 - PERSONAL PROTECTION

- Wear goggles.

SECTION 9 - SPECIAL PRECAUTIONS

- Store containers tightly closed and in an upright position.
- Do not destroy or deface the label.

SECTION 10 - SECTION 313 SUPPLIER NOTIFICATION (SARA)
 This product contains the following toxic chemicals 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:

2-(2-ethoxyethoxy)ethanol	CAS # 111-90-0	WT%=10.4
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SECTION - 11 TOXICOLOGICAL INFORMATION

None

SECTION 12 - ECOLOGICAL INFORMATION

None

SECTION 13 - DISPOSAL CONSIDERATIONS

- See Section 7 above.

SECTION 14 - DOT TRANSPORT INFORMATION

- This product is in Package Group III.
- Gallons and smaller are classed as CONSUMER COMMODITY ORMD thus are exempt from regulation.
- Larger sizes ARE regulated.
- The Bill of Lading

Proper Shipping Name	Class	ID	PG	Hazardous Material
Flammable liquids, n.o.s.	3	UN 1993	III	(Contains Isopropyl Alcohol)

SECTION 15 - OTHER REGULATORY INFORMATION

All ingredients appear on the TSCA Inventory List.

SECTION 16 - OTHER INFORMATION

Revision to Section 2, Section 4, Section 5 and Section 10.

- N/A = Not Applicable
- *Dangerous Goods Identification System (DGIS)
- TCC=Tag Closed Cup
- Manufacturer believes that the information given here is accurate. The suggested procedures are based on experience and common sense and are not necessarily all-inclusive of every conceivable circumstance.