

MATERIAL SAFETY DATA SHEET

Product Code: B015343

GLASS CLEANER

SECTION 1: MANUFACTURER IDENTIFICATION

Manufacturer's Name: Day International Chemical Products Div.
Address: 130 West Second Street, Suite 1700
Dayton, Ohio 45402

Emergency Phone: 800-424-9300 CHEMTREC®
Name of Preparer: Day Chemical Prod. Div

Information Phone: 800-336-8276
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SECTION 2: HAZARDOUS INGREDIENTS / SARA III INFORMATION

Component	CAS Number	Vapor Pressure mm Hg @ Temp	Weight Percent
*Ethanol OSHA PEL: 1000ppm, ACGIH® TLV®, TWA: 1000ppm	64-17-5	94 70°F	12.9%
Liquified Petroleum Gas OSHA PEL: 1000 ppm, ACGIH® TLV®, TWA: 1000 ppm	68476-85-7	760 68°F	5%
*2-Butoxy Ethanol OSHA PEL: 50ppm SKIN, ACGIH® TLV®, TWA: 20ppm	111-76-2	0.8 68°F	3.9%
Isopropanol	67-63-0		1.4%

* Indicates toxic chemical(s) subject to the reporting requirements of Section 313 of SARA Title III and of 40 CFR 372.
All ingredients are listed on the EPA TSCA Inventory

SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING RANGE / POINT:	N/A
VAPOR DENSITY:	Heavier than air.
EVAPORATION RATE:	Faster than n-Butyl Acetate.
V.O.C. (EPA METHOD 24) lb/gal:	2.0
VAPOR PRESSURE (MM HG @20 C):	140psig @ 130°F
SOLUBILITY IN WATER:	100%
APPEARANCE AND ODOR:	Aerosol Can; Semi-Stable Foam - Floral Odor
SPECIFIC GRAVITY (H20=1):	0.95

SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	See * Below
METHOD USED:	TAG CC
FLAMMABLE LIMITS IN AIR BY VOLUME:	
LOWER:	1.8%
UPPER:	9.2%

EXTINGUISHING MEDIA:

Foam, Alcohol Foam, CO2, Dry Chemical. *Product considered to be Non-Flammable as described in 16CFR 1500.45.

SPECIAL FIREFIGHTING PROCEDURES:

Keep containers cool. Use shielding to protect personnel against bursting, rupturing or venting containers. Water may not be effective to extinguish fire. Use water spray to cool fire-exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

At elevated temperatures (Over 130°F) containers may vent, rupture or burst.

SECTION 5: REACTIVITY DATA**STABILITY:**

Stable

CONDITIONS TO AVOID:

Avoid excess heat (above 130°F).

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid mixing with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Burning will produce oxides of carbon. Additional toxic chemicals may be formed in small amounts.

HAZARDOUS POLYMERIZATION:

Will Not Occur.

SECTION 6: HEALTH HAZARD DATA**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:**

Excess vapor concentrations are attainable. Overexposure will cause irritation of the nose and throat and cause signs of nervous system depression such as headache, drowsiness, dizziness and unconsciousness.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin and eye contact may cause mild to moderate irritation.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Skin contact will result in absorption and potentially contribute to the overall exposure to the chemical 2-Butoxy ethanol.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

Ingestion of this product will cause nausea, gastro-intestinal irritation, diarrhea and possible damage to vital organs. Follow first aid procedures.

HEALTH HAZARDS (ACUTE AND CHRONIC):

Repeated or abusive breathing of concentrated vapors may affect pulmonary, cardiovascular, and central nervous system. Repeated skin contact will dry out and crack skin.

CARCINOGENICITY NTP CARCINOGEN: No

IARC CARCINOGEN: No

OSHA CARCINOGEN: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Skin contact may aggravate pre-existing dermatitis. Inhalation of vapors may aggravate pre-existing asthma like conditions.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Hold eyelids open and flush with water for 15 minutes. Contact a physician if irritation persists. SKIN: Wash with soap and water. INGESTION: Contact local Poison Control Center or physician immediately. INHALATION: Move to fresh air. Give oxygen if breathing is labored.

SECTION 7: PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASES OR SPILLED:

Eliminate all ignition sources. Soak up material with absorbent. Transfer into a closed container for later disposal. Aerosol propellents are Extremely Flammable.

WASTE DISPOSAL METHOD:

DO NOT puncture or incinerate. When contents are depleted, continue to depress valve until all gas is expelled. Dispose of containers in accordance with local, state and federal regulations. Contact a Licensed Hazardous Waste Hauler for more information.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep away from sunlight, excess heat, sparks, flames and other sources of ignition. Store at temperature below 130°F. Avoid skin and eye contact. Avoid breathing vapors. Wear proper personal protective equipment when using this product. Store as a Level 3 Aerosol (NFPA 30B).

OTHER PRECAUTIONS / DOT INFORMATION:

For Air Shipment: DOT Proper Shipping Name: Aerosols, Hazard Class: 2.2, ID No.: UN1950, Packing Group: N/A. For Surface Shipment: DOT Proper Shipping Name: Consumer Commodity, Hazard Class: ORM-D, ID No.: None, Packing Group: N/A.

SECTION 8: CONTROL MEASURES**RESPIRATORY PROTECTION:**

The use of respiratory protection is advised when concentrations exceed the established exposure limits in SECTION 2. Depending on the airborne concentration, use a respirator with appropriate organic vapor cartridge (NIOSH approved).

VENTILATION:

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits in SECTION 2, additional general ventilation or local exhaust systems may be required.

PROTECTIVE GLOVES:

Avoid prolonged or repeated skin contact. Wear solvent resistant gloves made of nitrile or butyl rubber.

EYE PROTECTION:

Wear safety glasses with side shields.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A personal protective rating of X means you must see your supervisor for guidance. OSHA regulations (29CFR Part 1910, Subpart I) require employers to evaluate Personal Protective Equipment requirements in the workplace.

WORK/HYGIENIC PRACTICES:

Wash with soap and water after product contact with skin.

SECTION 9: DISCLAIMER

The information on this MSDS is believed to be accurate as of the date shown in SECTION 1. Since the use of this product is not under the control of the manufacturer, it is the user's responsibility to determine what constitutes safe usage for a particular product. This form may be reproduced in quantities necessary to meet your requirements.