

SAFETY DATA SHEET

State Industrial Products

5915 Landerbrook Drive
Mayfield Heights, OH 44124
To Order Call: 1-866-747-2229

6935 Davand Drive
Mississauga, Ontario L5T 1L5
To Order Call: 1-800-668-6513

Royal Industrial Park, Bldg "M"
Local #5, Carr 869, km 1.5 Palmas
Cataño, P.R. 00962
To Order Call: 787-275-3185



1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Glass Bright
Product Description: A formulated glass cleaner.
EPA Registration Number: NA

24 Hour Emergency CHEMTREC Number: 800-424-9300
MSDS Number: M00334
EPA Establishment Number: NA

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

FIFRA Hazard Classification:

Not Applicable

Flammable Liquids: Category 3

Acute toxicity; oral and Acute toxicity; dermal: Category 4

Skin corrosion/irritation: Category 2

Serious eye damage/eye irritation: Category 2B



Exclamation
Mark

Flame

WARNING

Hazard Statements:

H226 Flammable liquid and vapor. H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled. H315 Causes skin irritation. H320 Causes eye irritation.

Precautionary Statements:

P240 Ground/bond container and receiving equipment. P210 Keep away from heat, sparks and open flames. No smoking. P233 Keep container tightly closed. P243 Take precautionary measure against static discharge. P241 Use explosion proof electrical equipment. P242 Use only non-sparking tools. P264 Wash hands thoroughly after handling. P280 Wear protective gloves, protective clothing, and eye protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Ethanol	64-17-5	<20%	1000 ppm	1000 ppm
Isopropanol	67-63-0	<12%	400 ppm	400 ppm
Ethylene Glycol Monobutyl Ether	111-76-2	<2.0%	20 ppm	50 ppm

The exact percentages have
been withheld as a trade secret.

4. FIRST AID MEASURES

P337+P313 IF eye irritation persists: Get medical advice. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304+P312 IF INHALED: Call a POISON CENTER or physician if you feel unwell. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P332+P313 IF SKIN irritation occurs: Get medical attention. P301+P312 IF SWALLOWED: call a POISON CENTER or physician if you feel unwell. P370+P378 In case of fire: Refer to SDS for extinguish type. P361+P364 Take off immediately all contaminated clothing and wash it before reuse.

5. FIRE FIGHTING MEASURES

Flashpoint(Method): >80°F[27°C] (TCC).

Lower Explosive Limit(LEL): 3.3 Upper Explosive Limit(UEL): 19 Autoignition Temperature: > 662°F [350°C]

Flammable Properties: Keep away from heat, flames, sparks or other sources of ignition. May form flammable mixtures with air when heated to flash point.

Improper handling of solvent soaked rags can cause spontaneous combustion. Before disposal, wash rags with soap and water and dry in well-ventilated area or store in a fireproof container with no other flammable or combustible materials present.

Extinguishing Media: Carbon Dioxide, dry chemical, foam.

Fire Fighting Instructions: Wear self-contained breathing apparatus and full protective clothing. Contains oil, water is not effective in fire fighting. Water may be used to cool closed containers to prevent possible explosive when exposed to extreme heat.

6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Halt spill at source, dike and contain spill. Flush with plenty of water to drain. Dispose of in accordance with Federal, State and Local Regulations regarding waste disposal.

7. HANDLING AND STORAGE

P403+P235 Store in a well-ventilated place. Keep cool. P402 Store in dry place. P405 Store locked up.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use general or local ventilation to keep exposure levels below exposure limits.

Personal Protective Equipment:

Respiratory: Normal room ventilation is adequate. Use a NIOSH/MHSA approved respirator if exposure limits are exceeded.

Eye: Wear approved safety glasses or goggles with unperforated eyeshields where splashing may occur.

Skin: For repeated or prolonged contact, wear chemically impervious gloves such as Nitrile.

Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear

Physical State: Liquid.

Solubility in Water: 100%

Boiling Point: 180 - 220°F [82-104°C]

Freezing Point: NA

Melting Point: NA

Odor: Pleasant.

pH: 10.6

Diluted pH: NA

Specific Gravity: 0.95

VOC Content: <4%

10. STABILITY AND REACTIVITY

Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Heat, sparks or open flame.

Incompatibility: Solvents, caustics, acids or oxidizers

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide

11. TOXICOLOGICAL INFORMATION

This product contains no ingredient at 0.1% or greater that is listed as a human carcinogen.

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Ethanol	64-17-5	13.7 mg/Kg (rat oral)	14.2 g/L 96 hour (flathead minnows)
Isopropanol	67-63-0	5045 mg/kg (rat oral)	11,830 mg/l/1 hr (flathead minnow)
Ethylene Glycol Monobutyl Ether	111-76-2	1480 mg/kg (rat oral)	700 ppm/7 hr (mouse)

12. ECOLOGICAL INFORMATION

The product is not expected to be hazardous to the environment.

13. DISPOSAL CONSIDERATIONS

P501 Dispose of container in accordance with all Federal, State and Local Regulations regarding waste disposal.

14. TRANSPORT INFORMATION

DOT Shipping Data: Limited Quantity

Canadian TDG: UN1993, Flammable Liquids, N.O.S. (Ethanol, Isopropanol), 3, III

For International Shipments by Air: UN1993, Flammable Liquids, N.O.S. (Ethanol, Isopropanol), 3, III

For International Shipments by Vessel: UN1993, Flammable Liquids, N.O.S. (Ethanol, Isopropanol), 3, III

15. REGULATORY INFORMATION

TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory.

CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDL.

Proposition 65: This product may contain trace amounts of the following chemicals that are known to the state of California to cause cancer, birth defects or other reproductive harm: Ethylene Glycol Monoethyl Ether 111-80-5 < 36 ppm

SARA 313: 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 (40CFR372): Glycol Ethers

VOC: <4%

HMIS RATING: HEALTH = 2 FLAMMABILITY = 3 REACTIVITY = 0 PPE = B

WHMIS RATING: Class B, Division 2; Class D, Division 2B

16. OTHER INFORMATION

NA = Not Available or Not Applicable

NE = Not Established

Read and follow all label directions and precautions before using the product. This product is intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

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