



MATERIAL SAFETY DATA SHEET

1028B

SECTION 1 PRODUCT IDENTIFICATION AND COMPANY INFORMATION

PRODUCT NAME: SUPER BLUE - CONCENTRATED GLASS CLEANER
PRODUCT CODE: 1028B
GENERIC NAME: MIXTURE

COMPANY: HI-LUSTRE PRODUCTS, INC.
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24 HOUR EMERGENCY TELEPHONE NUMBERS: NORTH AMERICA: 800-633-8253
Spill, Leak, Fire or Accident Call PERS: INTERNATIONAL: 801-629-0667

USA - NATIONAL POISON CONTROL SYSTEM: LOCAL POISON ACTION LINE: 800-222-1222

SECTION 2 HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	TLV	PEL	NOTE
isopropyl alcohol	67-63-0	400 ppm	400 ppm	1
2-butoxyethanol	111-76-2	25 ppm	25 ppm	2

1 - OSHA VPEL 400 ppm - TWA, OSHA VPEL 500 ppm - STEL, ACGIH TLV 400 ppm - TWA, ACGIH TLV 500 ppm - STEL. Not listed as a carcinogen by IARC, NTP or OSHA.

2 - OSHA VPEL 25 ppm - TWA (Skin), ACGIH TLV 25 ppm - TWA (Skin). Not listed as a carcinogen by IARC, NTP or OSHA. Sara title III, Section 313

SECTION 3 HEALTH HAZARDOUS INFORMATION

GENERAL: 2-butoxyethanol has been shown to cause lung, liver and kidney damage and adverse blood effects in laboratory animals exposed to high concentrations. It is unlikely similar concentrations would be reached under normal conditions of use.

EYES: May cause irritation, stinging, tearing, redness, and swelling.

SKIN: May cause irritation, redness, burning and dermatitis. 2-butoxyethanol is absorbed through the skin.

INHALATION: May cause irritation of the respiratory tract, drowsiness and dizziness. Severe exposures may cause signs of central nervous system depression, headaches, and nausea.

INGESTION: May cause gastro intestinal irritation, nausea, vomiting and diarrhea. Large ingestion's may cause signs of central nervous system depression, and headaches.

CANCER INFORMATION: No data.

HAZARD RATING: Health = 1 Flammability = 1 Reactivity = 0 Other = 0

HAZARD STANDARD: 0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme

SECTION 4 FIRST AID

EYE CONTACT: Immediately flush eyes with water for at least 15 minutes, washing under the eyelids. If irritation persists, get medical assistance.

SKIN CONTACT: Remove contaminated clothing and flush skin with water. If irritation persists, get medical assistance.

INHALATION: Move away from source of exposure. If breathing difficulties develop, get medical assistance.

INGESTION: Do not induce vomiting. Do not give anything by mouth. Get immediate medical assistance.

SECTION 5 FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT: About 114 Deg F / 46 DC

FLAMMABLE LIMITS: No data

Flammability of this product has a Flash point below 200 D F, it is an Aqueous solution containing Isopropyl Alcohol and Glycol Ether and does not sustain combustion.

FIRE/EXPLOSION HAZARDS: None known.

COMBUSTION PRODUCTS: Carbon dioxide and carbon monoxide.
EXTINGUISHING MEDIA: Alcohol foam, carbon dioxide, dry chemical or water spray.
FIRE FIGHTING PROCEDURES: Use self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.

SECTION 6 ACCIDENTAL RELEASE MEASURES

SMALL SPILLS: Absorb liquid on absorbent material and shovel into containers.
LARGE SPILLS: Persons not wearing protective equipment should be excluded from area of spill . Until cleanup has been completed. Stop spill at source. Dike area of spill to prevent spreading, pump liquid into salvage tank. Prevent run-off to sewers, streams or other bodies of water. If run-off occurs, notify proper authorities as required. Remaining liquid may be taken up on absorbent material and shoveled into containers.

SECTION 7 EXPOSURE CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT

EYE AND FACIAL: Chemical splash goggles in compliance with OSHA.
SKIN: Protective gloves for prolonged contact.
RESPIRATORY: If exposure limits are exceeded, a OSHA approved organic vapor cartridge should be worn.
VENTILATION: General mechanical ventilation and local exhaust.
OTHER: An eyewash and a source of running water to flush the skin.

SECTION 8 HANDLING AND STORAGE

STORAGE: Store in closed containers in a well ventilated area away from sources of heat and strong oxidizing agents.
HANDLING: Use in a well-ventilated area and wear protective equipment. Avoid eye contact, breathing vapors or mists and prolonged or repeated skin contact. Avoid conditions, which generate vapor concentrations in excess of exposure limits.
SPECIAL PRECAUTIONS: Heating may cause release of irritating vapors. Empty containers retain material residue. Keep empty containers closed and do not use to mix or store any other materials.

SECTION 9 REACTIVITY INFORMATION

STABILITY: Stable
INCOMPATIBILITY: Strong oxidizing agents, acids, chlorine, acetaldehyde, ethylene oxide and isocyanates.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide and carbon monoxide.
HAZARDOUS POLYMERIZATION: Does not polymerize.

SECTION 10 PHYSICAL DATA

BOILING POINT:	IBP 212 deg F
SOLUBILITY:	Completely Soluble
VAPOR PRESSURE:	no data
PERCENT VOLATILE:	16
VAPOR DENSITY:	No data
SPECIFIC GRAVITY:	about 1.0
EVAPORATION RATE:	< 1 (Butyl Acetate = 1)

SECTION 11 TOXICOLOGICAL INFORMATION

Effects of Chronic Exposure None Known Other Toxic Effects: Not Available

SECTION 12 ECOLOGICAL INFORMATION

Not Available

SECTION 13 DISPOSAL INFORMATION

Dispose off in accordance with applicable local, state and federal regulations

SECTION 14 TRANSPORTATION INFORMATION

UN1993, Flammable Liquid, n.o.s. (Isopropanol Alcohol), 3, PG III

SECTION 15 REGULATORY INFORMATION

All ingredients of this product are listed or are excluded from the listing on the US TSCA Chemical Substance inventory.

Federal SARA 313; Toxic chemical notification and release reporting: Isopropyl Alcohol
CERCLA: Hazardous Substance: Isopropyl Alcohol
This product is not subject to the reporting requirements of California's Proposition 65

SECTION 16 OTHER INFORMATION

Avoid contact with eyes. Wash thoroughly after handling. Keep container closed. Keep out of the reach of children.

NOTICE

All information appearing herein is based upon data obtained from recognized technical sources. While the information is believed to be accurate, Hi-Lustre Products, Inc. makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Hi-Lustre Products, Inc.'s control and therefore users are responsible for, and assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

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