

MATERIAL SAFETY DATA SHEET

SECTION I - IDENTITY AND MANUFACTURER'S INFORMATION

Distributed by Hy-Grade Distributors, Inc.	Product Name Primaline Glass Cleaner
Address 574 Main Street, Tonawanda, New York 14150	Date Prepared 5-1-92
Emergency Telephone No. And Other Information Calls (716) 695-3960 or (716) 423-0081	Prepared by Regulatory Affairs Department

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components				Limits
Specific Chemical Identity: Common Name(s)	CAS #'s	OSHA PEL	ACGIH TLV	Recommended % Optional
2-Propanol	67-63-0	400ppm	400ppm	5% STEL 1-10%
HMIS RATING - HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 0 PERSONAL PROTECTION EQPT: G				

SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

Boiling Point: 212°F	Specific Gravity (H ₂ O = 1): 0.975-0.985
Vapor Pressure: N/E	Percent Volatile By Volume (%): 100%
Vapor Density (AIR = 1): N/E	Evaporation Rate: N/E
Solubility in Water: Complete	Appearance and Odor: Lt. blue color/Alcohol

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used) - 108F (P.M.C.C. Method)	Flammable Limits -	Explosion Limits -
Extinguishing Media - CO ₂ , Water or Foam		
Special Fire Fighting Procedures - Keep away from heat, spark, or open flames. Do not enter fire area without proper equipment including self-contained breathing apparatus. Use water spray to cool containers.		
Unusual Fire and Explosion Hazards - Treat as a combustible liquid.		

SECTION V - PHYSICAL HAZARDS

Stability Unstable Stable X	Conditions to Avoid - Elevated temperature	Ignition sources.
Incompatibility (Materials to Avoid) - Do not mix with other chemicals.		
Hazardous Decomposition Products or By-products - Carbon Dioxide, Carbon Monoxide		

Hazardous Polymerization May Occur Will not Occur X	Conditions to Avoid - N/A
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Route(s) of Entry:	Inhalation? X	Skin? X	Ingestion? X
Health Hazards (1. Acute and 2. Chronic) - ACUTE: Irritation of skin, eyes and respiratory tract. May cause headaches and is not presently available. CHRONIC: Chronic data			

Chemical Listed as Carcinogen or Potential Carcinogen	National Toxicology Program	Yes No X	I.A.R.C. Monographs	Yes No X	OSHA Yes No X
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Signs and Symptoms of Exposure - Irritation of skin, eyes, or respiratory tract. Headaches, dizziness.
 Medical Conditions Generally Aggravated by Exposure - Persons with pre-existing skin conditions or respiratory ailments may be more susceptible to the effects

Emergency and First Aid Procedures - **Eyes:** Flush with plenty of water for at least 15 minutes. Get immediate medical attention. **Skin:** Wash off with soap and water. Remove and wash contaminated clothing. **Inhalation:** Move to fresh air. Keep at rest. Get prompt medical attention. **Ingestion:** Give 1-2 glasses of water and induce vomiting with oil of ipecac or by touching finger to back of throat. Get immediate medical attention. Do not give anything to person who is unconscious or very drowsy.

SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled - Wear appropriate personal protective equipment. Eliminate all sources of ignition immediately. Contain spill and ventilate area to remove fumes. Collect in an approved container with sand or absorbent clay.

Waste Disposal Method - Dispose of in accordance with local, state and Federal regulations. Triple rinse empty container. Offer for recycling.
 Precautions to be Taken in Handling and Storing - Keep liquid and vapors away from heat, sparks and flame. Keep container closed when not in use. Store at ambient temperatures.

Other Precautions - Keep out of reach of children. Wash with soap and water after use. Avoid contact with skin or eyes. Avoid breathing vapor spray or mist.

SECTION VII - CONTROL MEASURES

Respiratory Protection (Specify Type) - Where necessary to maintain exposure below allowable limits, use NIOSH approved organic vapor respirator.
 Ventilation - Yes Local Exhaust - As necessary to maintain TLV. Mechanical (General) - As required Special - Not required
 Protective Gloves - Rubber Eye Protection - Goggles Other Protective Clothing or Equipment - Not required

Work/Hygiene Practices - Good housekeeping practices apply. Wash thoroughly after handling.

NOTICE: NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OR MERCHANTABILITY, FITNESS FOR A PARTICULAR USE, OR OF ANY OTHER NATURE ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET.

The goal of defining precisely, in measurable terms, every possible health effect that may occur in the workplace as a result of chemical exposure is not realistically be accomplished. The information and recommendations contained in this Material Safety Data Sheet are supplied pursuant to 29 C.F.R. 1910.1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date of preparation, however, makes no representations as to the completeness or accuracy thereof, and information is supplied upon the express condition that users receiving the same will be responsible for any damages of any nature whatsoever resulting from the use of, reliance upon, or the misuse of this information. The information as supplied herein is strictly to be used for any damages of any nature whatsoever resulting from the use of, reliance upon, or the misuse of this information. The information as supplied herein is strictly to be used for any damages of any nature whatsoever resulting from the use of, reliance upon, or the misuse of this information. The ultimate compliance with federal, state, or local regulations concerning the use of disposal of this compound, or compliance with respect to products liability, rests solely upon the purchaser thereof.

N/A (Not Applicable/Not Available)

N/E (Not Established)