

# MATERIAL SAFETY DATA SHEET

This MSDS complies with 29 CFR 1910.1200 OSHA's Hazard Communication Standard.

**PRODUCT: GLASS CLEANER**  
DATE PREPARED: 01/08/2002

**PCP 85-90629**  
DATE UPDATED: NEW

HAZARD RATING	HMIS	HAZARD	NFPA
4 - Very High	2	Health	2
3 - High	0	Flammability	0
2 - Moderate	0	Reactivity	0
1 - Slight	A	Personal Protection	A

## SECTION I SOURCE AND EMERGENCY PHONE CONTACTS:

**NATIONAL PRODUCTS LLC**  
1<sup>st</sup> Road, Kingsbury Industrial Park  
Kingsbury, IN 46345

**EMERGENCY PHONE NO. : (800)252-4743**  
**CHEMTREC: (800)424-9300**

## SECTION II INGREDIENT INFORMATION

Chemical Identity/Common Name	CAS#	OSHA PEL ACGIH	TWA TLV	Wt %
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm	<6
Surfactant Blend	Proprietary	N.E.	N.E.	<2
Water Conditioner	Proprietary	N.E.	N.E.	<0.5
Dye % Fragrance	Proprietary	N.E.	N.E.	Traces
Water	7732-18-5	N.E.	N.E.	Balance

## SECTION III HEALTH HAZARD IDENTIFICATION (Also See Section XI)

**ROUTE(S) OF ENTRY** - Eye and Skin Contact.

**EFFECTS OF ACUTE EXPOSURE:**

**EYE:** May cause irritation.

**SKIN:** May cause moderate skin irritation.

**INGESTION:** Causes irritation to digestive tract.

**INHALATION:** May cause irritation.

**MEDICAL CONDITIONS GENERALLY RECOGNIZED AS BEING AGGRAVATED BY EXPOSURE:** May exacerbate existing dermatitis, will aggravate respiratory diseases.

## SECTION IV FIRST AID MEASURES

**EYE CONTACT** - Flush immediately with plenty of water for at least 15 minutes, holding eyelids open all the time. Get immediate medical attention if irritation persists. **SKIN CONTACT** - Flush with cold water for at least 15 minutes. Remove all contaminated clothing and shoes while in the shower. Get medical attention if irritation persists. **INHALATION** - Move to area free from further exposure. **INGESTION** - If swallowed do not induce vomiting. Give large quantity of water. Get medical attention. Never give anything by mouth to an unconscious person.

## SECTION V FIRE AND EXPLOSION HAZARD DATA

**Flash Point** (Method Used): > 212°F **Flammable Limits:** LEL: N.E UEL: N.E.

**Extinguishing Media:** Dry chemical, foam, carbon dioxide or water.

**Special Fire Fighting Procedures:** Keep personnel removed and upwind of fire. Cool tank/container with water spray. Use National Institute of Occupational Safety and Health (NIOSH) certified gas mask, use self-contained breathing apparatus.

**Unusual Fire and Explosion Hazard:** Material is a strong oxidizer. Contact with combustible may initiate or promote combustion. Decomposition product may include chlorine.

## SECTION VI PREVENTIVE RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Prevent additional discharge of materials if possible to do without hazard. Dike large spills. Absorbed with oil dry or similar inert material. Sweep or scrape up and containerize. Wear/use appropriate protective equipment. Dispose of according to Federal, State and Local regulation.

**SECTION VII HANDLING AND STORAGE**

**PRECAUTIONARY INFORMATION: DANGER:** Avoid breathing vapors and contact with eyes and skin.  
**OTHER HANDLING AND STORAGE CONDITIONS:** Store at room temperature. Wash thoroughly after handling.

**SECTION VIII SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION:** No special requirements under normal use conditions.  
**VENTILATION:** General room ventilation adequate.  
**PROTECTIVE GLOVES:** No special requirements under normal use conditions.  
**EYE PROTECTION:** No special requirements under normal use conditions.  
**OTHER PROTECTIVE MEASURES:** No special requirements.

**SECTION IX PHYSICAL AND CHEMICAL PROPERTIES**

Boiling Point: >300° F	Specific Gravity (Water = 1.0): 0.99	Vapor Pressure: < 1
Melting Point: N.A.	Vapor Density: N.E.	Solubility in Water: Nil
Evaporation Rate(nButyl Acetate=1): <1	Theoretical VOC: 5.8	pH : 10.2
Freezing Point: N.A.	Percent Volatile by Volume: 6	
Appearance & Odor: Clear blue liquid with light fresh aroma.		

**SECTION X STABILITY AND REACTIVITY**

**STABILITY:** STABLE  
**STABILITY CONDITIONS TO AVOID :** None known.  
**INCOMPATIBILITY:** Strong oxidizing agents, acid and alkalis.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide and carbon monoxide.  
**HAZARDOUS POLYMERIZATION:** Will not occur.  
**HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID:** None

**SECTION XI TOXICOLOGY INFORMATION (Also see Section III)**

**EFFECTS OF CHRONIC EXPOSURE:** None known.

**SECTION XII ECOLOGICAL INFORMATION**

**ENVIRONMENTAL DATA :** Not available

**SECTION XIII DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL INFORMATION:** Observe all applicable Federal/ Provincial/ State regulations and Local/ municipal ordinances regarding disposal.

**SECTION IV TRANSPORTATION INFORMATION**

**US DOT INFORMATION:** NONE.

**SECTION XV REGULATORY INFORMATION**

NONE

**SECTION XVI OTHER INFORMATION**

**ADDITIONAL INFORMATION:** USE AS DIRECTED  
**EPA REGISTRATION NO.:** Not Applicable

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