

	<h2 style="margin: 0;">MATERIAL SAFETY DATA SHEET</h2>
<b>320 37th Avenue, St. Charles, Illinois 60174</b> <a href="http://www.unitedlabsinc.com">www.unitedlabsinc.com</a> · <a href="http://www.unitedlabsinc.ca">www.unitedlabsinc.ca</a>	<b>To Reorder Call:</b> <b>800-323-2594</b>

### 1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES  
24 Hour INFOTRAC (US and CANADA): **800-535-5053**

**PRODUCT NAME**  
UNITED 287 NEOFLECTION PLUS

**USE/DESCRIPTION**  
Glass Cleaner

**REVISION DATE**  
February 03, 2012

#### HMIS III HEALTH (0 = Maximum Safety) 1

Always follow Label Directions and Cautions.

* Chronic	2 Moderate
4 Severe	1 Slight
3 Serious	0 Minimal

See Hazards Identification Section of this MSDS for more detailed information.

#### PHYSICAL HAZARD (0 = Maximum Safety) 0

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire.	2 Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	1 Unstable if heated-use precaution.
	0 Normally stable.

#### FLAMMABILITY (0 = Maximum Safety) 2

Susceptibility of Material to Burning.

4 Extremely flammable.	1 Must be preheated
3 Ignites at normal temperature.	to burn.
2 Ignites when moderately heated.	0 Will not burn.

**PERSONAL PROTECTION: B**



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Isopropanol	67-63-0	10-30	400 ppm 980 mg/m3	400 ppm 980 mg/m3	5045 mg/kg (Rat/Oral)	16000 ppm 8 hrs Rat

### 3. HAZARDS IDENTIFICATION

**Eyes:** May cause irritation.

**Skin:** May cause mild irritation. Prolonged or repeated contact may irritate and cause dermatitis.

**Inhalation:** Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Can be irritating to eye, nose, and respiratory tract. Can cause dizziness, headaches, incoordination and drowsiness.

**Ingestion:** Aspiration hazard. If swallowed may cause headache, dizziness, drowsiness and shortness of breath. Swallowing large amounts may result in red blood cell hemolysis and kidney affects.

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush with plenty of water for at least 15 minutes while holding eyelids open. Remove contact lenses, if applicable, and continue flushing. Call a physician or poison control center.

**Skin:** Wash with soap and water. If symptoms develop, seek medical attention.

**Inhalation:** Remove to fresh air. If symptoms develop, seek medical attention. If not breathing, give artificial respiration.

**Ingestion:** Aspiration hazard. DO NOT induce vomiting or give anything by mouth unless otherwise directed by medical personnel. Call a physician or poison center immediately. Never give anything by mouth if victim is unconscious or is convulsing.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** 120°F/49°C

**Explosive Limits:** Lower (LEL): 2.3      Upper (UEL): 12.7

**Flame Projection (Aerosol):** NA

**Hazardous Products of Combustion:** When strongly heated, as in a fire, this product may produce oxides of carbon.

**Fire and Explosion Hazards:** Heated containers may rupture violently from the excessive heat of a fire.

**Extinguishing Media:** Water fog, Foam, Carbon dioxide, or Dry chemicals.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing in chemical fires. Cool fire exposed containers with water spray or fog to prevent rupturing or vapor pressure build up.

### 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Soak up with an inert absorbent and place in designated disposal container. Wash area thoroughly.

**Large Spills:** Remove sources of ignition and ventilate area. Dike the spill and pickup the bulk of liquid using pumps or absorb the liquid in sand or a commercial absorbent and place in designated disposal container.

## 7. HANDLING AND STORAGE

Keep in a properly labeled, tightly closed container and store in a cool, dry place away from sources of ignition. Do not let containers freeze as they may split or rupture. Do not mix with other chemicals or cleaners. Protect eyes, skin and clothing from contact with this material. Wear recommended protective equipment. Wash thoroughly after handling.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Chemical safety glasses are recommended.

**Skin:** Chemical resistant gloves are recommended.

**Respiratory:** None needed for proper use in accordance with label directions. If ventilation is not adequate to reduce vapors below TLV levels, use a NIOSH/MSHA approved air-purifying respirator equipped with an organic vapor cartridge.

**Engineering Controls:** Provide adequate ventilation. Local exhaust is generally adequate.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** ND

**Specific Gravity:** 0.990 (H<sub>2</sub>O=1)

**Vapor Pressure:** ND

**Melting Point:** ND

**Vapor Density:** ND

**Evaporation Rate:** ND

**Solubility in Water:** Complete

**pH:** 9.5 - 11

**Appearance and Odor:** Pale blue liquid with lemon scent.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** When strongly heated, as in a fire, this product may produce oxides of carbon.

**Chemical Stability:** Stable

**Incompatibility:** Keep away from oxidizers, strong alkali and sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

**Carcinogenicity (NTP/IARC/OSHA):** None

**California Proposition 65:** Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

## 12. ECOLOGICAL INFORMATION

ND

## 13. DISPOSAL CONSIDERATIONS

Consult your local, state, provincial and federal regulations for proper disposal guidelines. After this container is emptied, it can contain flammable residues or vapors. Do not cut, puncture or weld on or near these containers. Disposal regulations may be different for each state and/or locality.

## 14. TRANSPORT INFORMATION

**DOT:** Available upon request

**TDG:** Available upon request

**UN:** Available upon request

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** < 6.14%.

**TSCA (Toxic Substances Control Act):** Listed

**SARA Title III Section 302 EHS:** None

**SARA Title III Section 311/312:** ND

**SARA Title III Section 313 Toxic Chemicals:** None

### **WHMIS Classification:**

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

## 16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

**UNITED 287 NEOFLECTION PLUS**

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