



MATERIAL SAFETY DATA SHEET

320 37th Avenue, St. Charles, Illinois 60174
www.unitedlabsinc.com . www.unitedlabsinc.ca

To Reorder Call:
800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

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

PRODUCT NAME
UNITED 414 SUNDANCE

USE/DESCRIPTION
Ready-To-Use Glass Cleaner

REVISION DATE
January 19, 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. 3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers.	2 Violent chemical change possible-use hose stream from distance 1 Unstable if heated-use precaution. 0 Normally stable.
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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	1-5	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: Prolonged or repeated contact may cause irritation.

Inhalation: Breathing small amounts of this material during normal handling is not likely to cause harmful effects.

Ingestion: Large amounts swallowed may result in red blood cell hemolysis and kidney effects.

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: DO NOT induce vomiting or give anything by mouth unless otherwise directed by medical personnel. Call a physician or poison center immediately.

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: May release hazardous fumes in the presence of extreme heat, as in 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 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. Soak up with an inert absorbent and place in designated disposal container. Wash area thoroughly.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Chemical safety glasses are recommended.

Skin: Chemical resistant gloves are recommended for sensitive skin.

Respiratory: Not normally required. If vapor concentration exceeds TLV, use a NIOSH or MSHA approved respirator.

Engineering Controls: Normally not required.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: ND

Specific Gravity: 0.980 (H₂O=1)

Vapor Pressure: ND

Melting Point: ND

Vapor Density: ND

Evaporation Rate: ND

Solubility in Water: Complete

pH: 7 - 8

Appearance and Odor: Bright orange liquid with sunshine (fresh botanical) 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: Oxidizing agents such as bleach.

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. 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% by wt.

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 414 SUNDANCE

PREPARED BY: Sandy Kopacz