



MATERIAL SAFETY DATA SHEET

320 37th Avenue, St. Charles, Illinois 60174 • 214 Dolomite Drive, Downsview, Ontario M3J 2N2
www.unitedlabsinc.com

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 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 114 CRYSTAL-VIEW

USE/DESCRIPTION
 Aerosol Glass Cleaner

REVISION DATE
 December 21, 2010

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) |
|-----------------------|----------|--------|-----------------|----------------|----------------------|----------------|
| 2-Butoxyethanol | 111-76-2 | 1-3 | 20 ppm | 50 ppm | NE | NE |
| Ethyl alcohol | 64-17-5 | 1-3 | 1000 ppm | 1000 ppm | NE | NE |
| Propane | 74-98-6 | 1-3 | 1000 ppm | 1000 ppm | NE | NE |
| N-Butane | 106-97-8 | 1-3 | 1000 ppm | NE | NE | NE |

3. HAZARDS IDENTIFICATION

Eyes: May cause mild irritation.

Skin: May be harmful if absorbed through skin. Prolonged or repeated contact may cause irritation.

Inhalation: Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

Ingestion: Not hazardous in normal industrial use.

4. FIRST AID MEASURES

Eyes: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses, if present and continue rinsing. Get prompt medical attention.

Skin: Immediately remove contaminated clothing. Wash off with warm water and soap. Get medical attention if irritation develops and persists.

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

Ingestion: Get immediate medical attention. If conscious rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. DO NOT induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): <-156°F/-104.4C (Propellant); none (Concentrate) **Explosive Limits:** Lower (LEL): 1.9 Upper (UEL): 9.5

Flame Projection (Aerosol): Flammable per 16 CFR 1500.3 and 1500.45.

Hazardous Products of Combustion: When strongly heated, as in a fire, this product may produce toxic gas.

Fire and Explosion Hazards: Keep away from heat, sparks, and flames or the containers may rupture. Vapor or gas may spread to distant ignition sources and flash back. Runoff to sewer may cause fire or explosion hazard.

Extinguishing Media: Water fog, Foam, Dry chemical powder, carbon dioxide.

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing. Containers should be cooled with water to prevent vapor pressure build up. Use equipment or shielding, as required, to protect personnel from bursting, rupturing or venting containers.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Remove all sources of ignition and ventilate area. Soak up with an inert absorbent and place in designated disposal container. Consult local regulatory agency for proper disposition of material.

Large Spills: Remove sources of ignition and ventilate area. Soak up with an inert absorbent and place in designated disposal container. Consult local regulatory agency for proper disposition of material.

7. HANDLING AND STORAGE

Avoid breathing vapor. Keep away from heat, sparks, and flame. Use with adequate ventilation. Do not puncture or incinerate containers. Do not expose to direct sunlight or store at temperatures above 120°F (48.9°C). Store as Level 1 Aerosol (NFPA 30B).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Safety glasses

Skin: Chemical resistant gloves

Respiratory: None required if good ventilation is maintained. If TLV level is exceeded, use a NIOSH or MSHA approved air-purifying respirator.

Engineering Controls: Provide adequate ventilation to keep vapor concentration below TLV and prevent accumulation of excessive vapors to minimize flammable conditions. Mechanical ventilation is optional.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: ~204.8F/96.1C **Specific Gravity:** 0.9605 (H₂O=1) **Vapor Pressure:** 70-90 psig @70°F **Melting Point:** ND

Vapor Density: ND **Evaporation Rate:** ND **Solubility in Water:** Completely **pH:** 9.5-10.5

Appearance and Odor: Aerosol; white foam spray with mild butyl scent.

10. STABILITY AND REACTIVITY

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: When strongly heated, as in a fire, this product may produce toxic gas.

Chemical Stability: Stable

Incompatibility: Avoid contact with oxidizing agents, reducing agents, acids, bases.

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? No

12. ECOLOGICAL INFORMATION

ND

13. DISPOSAL CONSIDERATIONS

Consult your local, state and federal regulations for proper disposal guidelines. Do not puncture or incinerate containers. Disposal regulations may be different for each state and/or locality. Aerosol cans when vented to atmospheric pressure through normal use pose no disposal hazard.

14. TRANSPORT INFORMATION

DOT: Available upon request

TDG: Available upon request

UN: Available upon request

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): 9.7%

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: ND

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: 2-Butoxyethanol CAS # 111-76-2

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.