



## MATERIAL SAFETY DATA SHEET

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### 1. PRODUCT AND COMPANY IDENTIFICATION

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

**PRODUCT NAME**  
 UNITED 122 SHARP FOCUS

**USE/DESCRIPTION**  
 Video Screen Cleaner

**REVISION DATE**  
 May 10, 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) 1

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) 1

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	1-5	20 ppm	50 ppm	NE	NE
Ethyl alcohol	64-17-5	1-5	1000 ppm	1000 ppm	NE	NE
Propane	74-98-6	1-3	1000 ppm	1000 ppm	NE	NE
N-Butane	106-97-8	45-49	1000 ppm	NE	NE	NE

### 3. HAZARDS IDENTIFICATION

**Eyes:** May cause mild irritation.

**Skin:** Prolonged or repeated contact may cause irritation. Can be harmful if it is absorbed through the skin.

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

**Ingestion:** Not hazardous in normal industrial use. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention.

**Skin:** Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention.

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

**Ingestion:** Get immediate medical attention. 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/-104.4°C estimate

**Explosive Limits:** Lower (LEL): 1.9 Upper (UEL): 9.5

**Flame Projection (Aerosol):** Non flammable per 16 CFR 1500.3 and 1500.45.

**Hazardous Products of Combustion:** When strongly heated, as in a fire, this product may produce carbon monoxide, carbon dioxide, and hydrocarbon vapors.

**Fire and Explosion Hazards:** Keep away from heat, sparks, and flames or the containers may rupture. Containers should be cooled with water to prevent vapor pressure build up.

**Extinguishing Media:** Dry chemical, Carbon dioxide, water spray, regular foam.

**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. At elevated temperatures (over 54°C-130°F) containers exposed to direct flame or heat contact should be cooled with water to prevent weakening of container structure.

## 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Remove all sources of ignition and ventilate area. Soak up with an inert absorbent like clay or mineral absorbents and place in designated disposal container.

**Large Spills:** Remove sources of ignition and ventilate area. Soak up with an inert absorbent like clay or mineral absorbents and place in designated disposal container.

## 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 or safety goggles

**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:** ~204.8°F/~96.1°C **Specific Gravity:** 0.9605 (H<sub>2</sub>O=1) **Vapor Pressure:** 90-100 psig@70°F **Melting Point:** ND

**Vapor Density:** ND

**Evaporation Rate:** ND

**Solubility in Water:** Partially

**pH:** 9.5 – 10.5

**Appearance and Odor:** Aerosol; wide hollow cone spray, semi-stable foam with floral odor.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** When strongly heated, as in a fire, this product may produce carbon monoxide, carbon dioxide and hydrocarbon vapors.

**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):** 11.50%

**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.

UNITED 122 SHARP FOCUS

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