



## 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 368 HARD-D-WIPES

**USE/DESCRIPTION**  
 Hard Surface Disinfecting Wipes

**REVISION DATE**  
 January 23, 2008

#### HEALTH (0 = Maximum Safety)

1

**Always follow Label Directions and Cautions.**

4 Extreme 3 High 2 Moderate 1 Slight 0 Minimal

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

#### 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.

#### REACTIVITY (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.

**PERSONAL PROTECTION: B**



### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Diethylene glycol monobutyl ether	112-34-5	5-10	NE	NE	NE	NE

### 3. HAZARDS IDENTIFICATION

**Eyes:** Will cause irritation. Prolonged contact can cause severe irritation, redness, tearing and may cause irreversible damage.

**Skin:** Prolonged or repeated contact may cause irritation, dry or defat skin.

**Inhalation:** No hazard associated with normal use.

**Ingestion:** May be harmful if swallowed. Gastrointestinal irritation, nausea, vomiting, diarrhea.

### 4. FIRST AID MEASURES

**If in Eyes:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing. Call a physician or poison control center for advice.

**Skin:** Flush area with water while removing contaminated clothing. If irritation persists, call a physician or poison center. Launder clothing separately before reuse.

**Inhalation:** Remove victim to fresh air. Apply CPR if needed. Call a physician or poison center.

**Ingestion:** DO NOT induce vomiting. Call a physician or poison center immediately. Rinse mouth with water. Never give anything by mouth to an unconscious person.

**Note to Physician:** Probable mucosal damage may contraindicate the use of gastric lavage.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** >200°F/93°C \*

**Explosive Limits:** Lower (LEL): ND Upper (UEL): ND

**Flame Projection (Aerosol):** NA

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

**Fire and Explosion Hazards:** None known.

**Extinguishing Media:** Water, Foam, Carbon dioxide, Dry chemical.

**Fire Fighting Instructions:** Firefighters should wear self-contained breathing apparatus w/full protective clothing. Cool fire exposed containers with water fog.

\*Tested using the liquid component of the towelette.

## 6. ACCIDENTAL RELEASE MEASURES

**Small Spills:** Ventilate area and contain spill. Soak up with inert absorbent material and place in a closed container for disposal. Flush away residue with water.

**Large Spills:** Ventilate area and contain spill. Soak up with inert absorbent material and place in a closed container for disposal. Flush away residue with water.

## 7. HANDLING AND STORAGE

Keep containers tightly closed when not in use. Store in a cool, dry place. Store away from incompatible materials. Keep out of reach of children.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Wear Safety glasses.

**Skin:** Chemical resistant gloves.

**Respiratory:** Use with adequate ventilation.

**Engineering Controls:** Normally not required.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** ND      **Specific Gravity:** 1.01 (H<sub>2</sub>O=1)      **Vapor Pressure:** ND      **Melting Point:** ND  
**Vapor Density:** ND      **Evaporation Rate:** ND      **Solubility in Water:** Soluble      **pH:** 12-13  
**Appearance and Odor:** White cloth impregnated with clear, colorless liquid, mild odor.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

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

**Chemical Stability:** Stable

**Incompatibility:** Strong acids and oxidizers.

## 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, 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):** 1-8.5% by weight

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

**SARA Title III Section 302 EHS:** Yes – Diethylene glycol Monobutyl ether CAS# 112-34-5

**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.