



MATERIAL SAFETY DATA SHEET

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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 369 HAND-D-WIPES Hand Sanitizer

USE/DESCRIPTION
 Hand Sanitizing Wipes

REVISION DATE
 February 4, 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)

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.

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: None

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Ethyl Alcohol	64-17-5	10-30	1000 ppm	1000 ppm	NE	NE

3. HAZARDS IDENTIFICATION

Eyes: May cause mild irritation and redness.

Skin: None usually. Prolonged or repeated contact may cause irritation, dry skin.

Inhalation: No hazard associated with normal use. Deliberate concentration and inhalation of vapors may cause central nervous system effects.

Ingestion: Gastrointestinal irritation, nausea, vomiting, cramps, diarrhea.

4. FIRST AID MEASURES

Eyes: Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. See a physician immediately.

Skin: None usually required. If irritation persists seek medical attention.

Inhalation: Unlikely route of exposure as liquid is impregnated on a towel. If overexposed remove victim to fresh air. If breathing has stopped, apply CPR. Call a physician or poison center.

Ingestion: Not a likely exposure route. If a large quantity is swallowed call a physician or poison center immediately.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): 107°F/41°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, formaldehyde, nitrous oxide, ammoniacal vapors, smoke, soot and various organic oxidation by-products.

Fire and Explosion Hazards: Combustible liquid on a polypropylene towel.

Extinguishing Media: Carbon dioxide, Dry chemical, Foam, or Fog. Do not use water as it may froth and cause fire to spread.

Fire Fighting Instructions: Firefighters should wear self-contained breathing apparatus w/full protective clothing. Cool fire exposed containers with water spray. Prevent runoff from entering sewers and waterways.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Caution, slip hazard. Wipe up small releases with a dry absorbent cloth or other absorbent material.

Large Spills: Not likely due to type of product.

7. HANDLING AND STORAGE

Keep containers tightly closed when not in use. Store in a cool, dry place away from heat or open flame. Keep out of reach of children. Keep from freezing as container may split or rupture. Do not get into eyes. Do not swallow.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: None. Do not allow towel to directly contact eyes.

Skin: None. Product is designed for direct skin use.

Respiratory: None is required under normal use. If recommended exposure limits are exceeded wear a NIOSH/MSHA approved respirator.

Engineering Controls: Normally not required but should be provided in the event of overexposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 212°F/100°C **Specific Gravity:** 0.970 (H₂O=1) **Vapor Pressure:** NA **Melting Point:** NA

Vapor Density: >1 **Evaporation Rate:** NA **Solubility in Water:** Complete **pH:** 5.5-6.5

Appearance and Odor: Blue fiber cloth impregnated with clear, colorless liquid, alcohol – floral scent.

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, formaldehyde, nitrous oxide, ammoniacal vapors, smoke, soot and various organic oxidation by-products.

Chemical Stability: Stable

Incompatibility: Strong 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): 18.5% by weight

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: tert-Butyl alcohol – 0.02%

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.

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