



## 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 370 UNITED MD Bleach Wipe 1:50

**USE/DESCRIPTION**  
 Bleach Wipe

**REVISION DATE**  
 April 15, 2015

#### 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) 0

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: P**



### 2. HAZARDS IDENTIFICATION

Physical Hazard(s): Oxidizing liquid



Health Hazard(s):

Acute Oral Toxicity: Category 3  
 Eye Irritant: Category 2B –mild irritant

Environmental Hazard(s): None

**Eyes:** Contact with eyes may cause irritation.

**Skin:** Contact with skin may cause irritation.

**Inhalation:** Vapor concentrations above recommended exposure limits are irritating to the eyes and respiratory tract.

**Ingestion:** Liquid may cause irritation to gastrointestinal tract if swallowed.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	ACGIH (STEL)	OSHA (STEL)
Sodium hypochlorite	7681-52-9	=> 0.1%	1 ppm	0.5 ppm	3 ppm	1 ppm

This product is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

The available chlorine at expiration (=> 0.1% - CAS No. 7782-50-5) in this product is composed of hypochlorite ion (OCI) and hypochlorous acid (HOCl). None of the ingredients are classified as hazardous ingredients.

### 4. FIRST AID MEASURES

**Eyes:** Immediately flush eyes with plenty of water. If irritation persists, seek medical attention.

**Skin:** Immediately flush skin with plenty of water. If irritation persists, seek medical attention.

**Inhalation:** If breathing problems occur seek fresh air immediately and proceed to seek medical attention.

**Ingestion:** If swallowed, drink large quantities of milk or gelatin solution. If these are not available, drink large quantities of water and call a physician. Do not give vinegar or other acids. Do not induce vomiting. **Antidote:** Sodium thiosulphate: gastric lavage.

### 5. FIRE FIGHTING MEASURES

**Flash Point (TCC):** Non-Flammable

**Explosive Limits:** Lower (LEL): NA

Upper (UEL): NA

**Hazardous Products of Combustion:** None known.

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

**Extinguishing Media:** Alcohol foam, Carbon dioxide, Water spray or Fog.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus w/full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

**Small/Large Spills:** Remove all sources of ignition. Place product into appropriate containers for disposal. If liquid is spilled use an inert material like vermiculite to absorb and place into appropriate container for disposal.

## 7. HANDLING AND STORAGE

Store this product in a cool dry area, away from direct sunlight and heat. High temperature and direct sunlight. Wash hands with soap and water after using this product.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** Safety glasses are not required but recommended.

**Skin:** Protective gloves are recommended.

**Respiratory:** Use with adequate ventilation.

**Engineering Controls:** Provide adequate general and local exhaust ventilation.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** NA    **Specific Gravity:** ~1.016 (approx. for liquid) (H<sub>2</sub>O=1)    **Vapor Pressure:** NA    **Melting Point:** ND

**Vapor Density:** ND    **Evaporation Rate:** ND    **Solubility in Water:** Not soluble    **pH:** 7.0 – 11.5

**Appearance and Odor:** Light yellow liquid on a wipe with chlorine scent.

## 10. STABILITY AND REACTIVITY

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition:** Strong oxidizing agent reacts with other household chemicals such as: toilet bowl cleansers, rust removers, vinegar, acids or ammonia-containing products to produce hazardous gases, such as chlorine and other chlorinated species.

**Chemical Stability:** Stable under normal use and storage conditions. Stable for 18 months.

**Incompatibility:** Household chemicals such as: toilet bowl cleansers, rust removers, vinegar, acids or ammonia-containing products. High temperature and direct sunlight may cause swelling of the container.

## 11. TOXICOLOGICAL INFORMATION

Contact with eyes and skin may cause irritation. Liquid may cause irritation to gastrointestinal tract if swallowed. Vapor concentrations above recommended exposure limits are irritating to the eyes and respiratory tract. Use adequate ventilation.

**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

Do not reuse wipes. Dispose of wipe and package in proper trash receptacle. Do not flush in toilet. If wipe used to clean contaminated surface, dispose in biohazard waste receptacle.

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-Land USA:** Not regulated.

**IMDG-Ocean:** Available upon request.

**IATA-Air:** Available upon request

## 15. REGULATORY INFORMATION

**VOC (Volatile Organic Compounds):** None

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

**SARA Title III Section 304 CERCLA:** Sodium hypochlorite and sodium hydroxide

**SARA Title III Section 311/312:** Regulated

**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.