

# MSDS

## Medipure Hand Sanitizer

### ANTIMICROBIAL-HAND SANITIZER-ANTISEPTIC

#### EMERGENCY TELEPHONES

CHEMTREC (800) 424-9300

## 1 PRODUCT IDENTIFICATION

**Product name** - Medipure Hand Sanitizer

**EPA Reg. No.** -

**Chemical family** - quaternary ammonium compound

**CAS number** - mixture

**Proper shipping name** - cleaning compound class 55.

**DOT hazard name** (49 CFR §172.101) none.

**DOT ID no.** (49 CFR §172.101) none.

**DOT hazard class** (HM 126 F)

**pack size class**

0-1 Gal. consumer commodity ORMD

>1 Gal. not hazardous

**RCRA hazard name** (40 CFR §261) none.

**EPA priority pollutants** (40 CFR §122.23) none.

**HMIS ratings†**

Health.....	1
Flammability.....	0
Reactivity.....	0
Equipment.....	B

†*Hazardous Materials Identification System rating for the product as it is supplied. Degree of hazard 4-extreme, 3-high, 2-moderate, 1-slight, 0-insignificant. A-goggles, B-goggles gloves, C-goggles gloves & apron*

## 2 INGREDIENTS

#### Identity

#### Active:

Myristalkonium Chloride  
& Quaternium 14 0.13%

#### Inert:

Cetrimonium Chloride 1-5%  
Glycerine 1-5%  
Propylene Glycol 1-5%  
Chamomile Extract 0.2-1%  
Aloe Vera 0.5-1%  
Methyl paraben 0.1-0.4%  
Ethyl paraben 0.1-0.4%  
Propyl paraben 0.1-0.4%

#### \*Hazardous components

**Current PEL/TLV‡** not established.

‡*OSHA Permissible Exposure Limit and American Conference of Governmental Industrial Hygienists Threshold Limit Value.*

## 3 PHYSICAL DATA

**Appearance** - clear liquid.

**Odor** - PLEASANT

**Per cent volatile** - >90%.

**Specific gravity** - 1.01

**Vapor pressure (20 C)** - not det.

**Vapor density** - <1.0

**pH** - 6-7

**Color** - clear

**Boiling point** - 212F

**Solubility in water** - complete.

**Evaporation rate** - approx. 1 (water=1)

## 4 FIRE & REACTIVITY DATA

**Flash point** - not flammable

**Auto ignition temperature** - NA

**Extinguishing media** - NA

**Special fire fighting procedures** - Use water to keep fire-exposed containers cool.

**Unusual fire and explosion hazards** - none

**Stability considerations** - Stable.

**Materials to avoid** DO NOT MIX WITH ANY OTHER CHEMICAL, ESPECIALLY BLEACH!!

## 5 HEALTH EFFECTS

**Warning** - Causes eye and skin irritation. Vapors may cause respiratory tract irritation. May be harmful if swallowed.

**Signs and symptoms of overexposure**

**Eye effects** - Irritating.

**Skin effects** - Prolonged contact to concentrate can cause skin irritation.

**Inhalation** - Vapors may be irritating to upper respiratory tract.

**Ingestion** - May cause severe gastrointestinal tract irritation.

**Medical conditions aggravated by exposure** - Because of its irritating and de-fatting properties, this material may exacerbate an existing dermatitis.

**Primary routes of entry** - Eyes, skin, inhalation.

## 6 EMERGENCY & FIRST AID

**Eyes** - Remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes. Retract eyelid frequently to flush underneath. Call a physician.

**Skin effects** - Remove contaminated clothing and wash before reuse. Rinse skin with plenty of water.

**Inhalation** - Remove to fresh air. Treat irritation symptomatically and call a physician.

**Ingestion** - If conscious, the person should drink large quantities of water to dilute the product. Do not induce vomiting. Call a physician or poison control center. Never give liquids to an unconscious person.

## 7 SPILL PROCEDURES

**Steps to be taken if material is spilled or released** - Flush with water.

**Waste disposal method** - Rinse empty container and dispose.

**Hazardous waste regulations** - This product is not listed in federal hazardous waste regulations 40 CFR §304.4. It does not exhibit any of the hazardous characteristics associated with 40 CFR §261 subpart C. State or local regulations may apply.

## 8 HANDLING

**Appropriate hygienic practices** - Avoid contact with eyes, skin, or clothing. Avoid breathing vapor. Do not swallow. Wash thoroughly after handling and before eating, drinking, or smoking. Remove contaminated clothing and wash before reuse.

**Personal protective equipment** - Impervious gloves, chemical goggles, appropriate protective clothing.

**Work practices** - Eyewash and skin rinsing facilities must be easily accessible. Discard promptly items such as rags, insulation, and trash soaked with this material and exposed to air, as spontaneous heating may occur. Handle in adequate ventilation.

**Handling and storage precautions** - This product may react with strong oxidizers and should not be stored near such material. Store away from food or drink that could become contaminated in case of leakage. Keep away from heat and open flame. Keep product in locked storage sufficient to restrict access to children or adults unfamiliar with its proper use.

**Engineering controls** - Provide adequate ventilation. When used on floors, post warnings of slipping hazard.

## 9 PREPARATION INFO

**Reason for issue** - Periodic update.

**Prepared by** B. Holmes

**Date approved** 10/15/00

Gulf States International, Inc.  
P. O. Box 628  
107 Welch  
Union Springs, AL 36089

800-727-4631