



## MATERIAL SAFETY DATA SHEET

### Epi San™ Instant Hand Sanitizing Gel

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<b>PRODUCT NAME</b>	Epi San™ Instant Hand Sanitizing Gel
<b>PRODUCT NO.</b>	01127, 01034, 01038, 01039, 01015
<b>PRODUCT USE</b>	Hand sanitizer.
<b>SUPPLIER</b>	Deb USA Inc 1100 S. Highway 27 Stanley NC 28164 704 263 4240
<b>EMERGENCY TELEPHONE</b>	Chemtrec 800 424 9300 (24 hour)
<b>IDENTIFICATION No.</b>	1987

#### 2 HAZARDS IDENTIFICATION

##### HUMAN HEALTH

Irritating to eyes.

##### POTENTIAL HEALTH EFFECTS

##### GENERAL INFORMATION

No specific health warnings noted.

##### INHALATION

No specific health warnings noted.

##### INGESTION

May cause nausea, headache, dizziness and intoxication.

##### SKIN CONTACT

Skin irritation is not anticipated when used normally.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

##### COMPOSITION COMMENTS

Ethyl Alcohol, Water, Aloe Barbadensis Leaf Juice, Propylene Glycol, Glycerin, Acrylates/C10-30 Alkyl Acrylate Crosspolymer, Aminomethyl Propanol, Fragrance, Yellow 5 (CI 19140), Blue 1 (CI 42090).

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

Get medical attention if any discomfort continues.

##### NOTES TO THE PHYSICIAN

No specific first aid measures noted.

##### INHALATION

General first aid, rest, warmth and fresh air.

##### INGESTION

DO NOT induce vomiting. Get medical attention immediately.

##### SKIN CONTACT

Remove contaminated clothing.

##### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention promptly if symptoms occur after washing.

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**5 FIRE-FIGHTING MEASURES****EXTINGUISHING MEDIA**

Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

**SPECIAL FIRE FIGHTING PROCEDURES**

If possible, fight fire from protected position. Water spray should be used to cool containers.

**UNUSUAL FIRE & EXPLOSION HAZARDS**

FLAMMABLE. Forms explosive mixtures with air.

**6 ACCIDENTAL RELEASE MEASURES****ENVIRONMENTAL PRECAUTIONS**

Do not discharge into drains, water courses or onto the ground.

**SPILL CLEAN UP METHODS**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Wash thoroughly after dealing with a spillage. Absorb spillage with non-combustible, absorbent material.

**7 HANDLING AND STORAGE****HANDLING**

Keep away from heat, sparks and open flame. Avoid contact with eyes.

**STORAGE**

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

COMPONENT	STD	TWA (8-hrs)		STEL (15 min)		Notes
ETHANOL	ACGIH	1000 ppm				A4
ETHANOL	PEL	1000 ppm	1900 mg/m3			
GLYCERIN	ACGIH		10 mg/m3			
GLYCERIN	PEL		5 mg/m3			
COMPONENT						IDLH
ETHANOL						3300 ppm

ACGIH=American Conference of Governmental Industrial Hygienists.

A4: Not Classifiable as a Human Carcinogen.

**PROTECTIVE EQUIPMENT****ENGINEERING MEASURES**

Not relevant

**RESPIRATORY EQUIPMENT**

Not relevant

**HAND PROTECTION**

Hand protection not required.

**EYE PROTECTION**

Wear eye protection if there is a risk of this product getting in the eyes

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### HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Promptly remove any clothing that becomes contaminated.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Coloured gel.
COLOR	Green.
ODOR	Fragrant Alcohol.
SOLUBILITY	Soluble in water.
BOILING POINT (°C)	78.3 (Ethyl alcohol)
RELATIVE DENSITY	0.90
VAPOR DENSITY (air=1)	1.59 (Ethyl alcohol)
VAPOR PRESSURE	40 mm Hg 19°C (Ethyl alcohol)
EVAPORATION RATE	1.4 (Ethyl alcohol)
pH-VALUE, CONC. SOLUTION	7.5
VISCOSITY	Viscous

### 10 STABILITY AND REACTIVITY

#### STABILITY

No particular stability concerns.

#### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

#### MATERIALS TO AVOID

No incompatible groups noted.

#### HAZARDOUS DECOMPOSITION PRODUCTS

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

### 11 TOXICOLOGICAL INFORMATION

#### TOXICOLOGICAL INFORMATION

No information available.

### 12 ECOLOGICAL INFORMATION

#### MOBILITY

The product is soluble in water.

#### BIOACCUMULATION

No data available on bioaccumulation.

#### ACUTE FISH TOXICITY

Not determined.

### 13 DISPOSAL CONSIDERATIONS

#### WASTE MANAGEMENT

When handling waste, consideration should be made to the safety precautions applying to handling of the product. Only experts should be permitted to carry out disposal of this material.

#### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

### 14 TRANSPORT INFORMATION

## Epi San™ Instant Hand Sanitizing Gel



DOT PROPER SHIPPING NAME	ALCOHOLS, N.O.S.
TDG SHIPPING NAME	ALCOHOLS, N.O.S.
IDENTIFICATION No.	1987
TUNNEL RESTRICTION CODE	(D/E)
CEPIC TEC(R) NO.	30GF1-I+III
DOT HAZARD CLASS	3
DOT PACKING GROUP	II
U.S DOT HAZARD LABEL	Flammable Liquid
UN NO. SEA	1987
IMDG CLASS	3
IMDG PACK GR.	II
EMS	F-E, S-D
MARINE POLLUTANT	N/A.
UN NO. AIR	1987
ICAO CLASS	3
AIR PACK GR.	II
TDG CLASS	3
TDG LABEL(S)	3
TDG PACKING GROUP	II

### 15 REGULATORY INFORMATION

#### REGULATORY STATUS (US)

This product is manufactured and labeled in compliance with the Federal Food, Drug, and Cosmetic Act, and is exempt from the labeling requirements of the OSHA Hazard Communication Standard.

### 16 OTHER INFORMATION

#### REVISION COMMENTS

New MSDS Software

#### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.