



MATERIAL SAFETY DATA SHEET
Epi San™ Instant Hand Sanitizing Gel

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

PRODUCT NAME Epi San™ Instant Hand Sanitizing Gel
PRODUCT NO. 01127, 01034, 01038, 01039, 01015
PRODUCT USE Hand sanitizer.
SUPPLIER Deb USA, Inc.
 1100 S. Highway 27
 Stanley
 NC 28164
 704 263 4240
EMERGENCY TELEPHONE Chemtrec 800 424 9300 (24 hour)
IDENTIFICATION No. 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. Prolonged contact may cause dryness of the skin.

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.

5 FIRE-FIGHTING MEASURES

Epi San™ Instant Hand Sanitizing Gel

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		A3
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.
 A3: Confirmed Animal Carcinogen with Unknown Relevance to Humans.

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Not relevant

RESPIRATORY EQUIPMENT

Not relevant

HAND PROTECTION

Not applicable.

EYE PROTECTION

Not required normally but wear eye protection if you are conducting an operation where there is a risk of this product getting in the eyes.

HYGIENE MEASURES

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

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE

Viscous liquid.

Epi San™ Instant Hand Sanitizing 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

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, CO₂) 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



DOT PROPER SHIPPING NAME	ALCOHOLS, N.O.S.
TDG SHIPPING NAME	ALCOHOLS, N.O.S.
IDENTIFICATION No.	1987

Epi San™ Instant Hand Sanitizing Gel

TUNNEL RESTRICTION CODE	(D/E)
CEFIC 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)

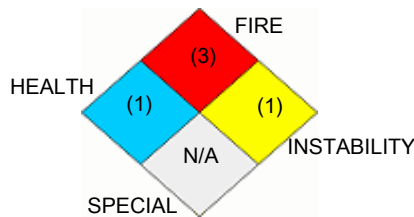
This product is manufactured and labeled in compliance with the Federal Food, Drug, and Cosmetic Act, and is exempt from the labeling requirements of the OSHA Hazard Communication Standard. All components of this product are either on the TSCA 8(b) inventory or otherwise exempt from listing.

16 OTHER INFORMATION

HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

HEALTH	1
FLAMMABILITY	3
PHYSICAL	1
PERSONAL PROTECTION	N/A.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)



REVISION COMMENTS

Revision of information

REVISION DATE 08/13/2013

VERSION No. 3

SDS NO. 11164

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.