



MLS  
MAKING LIFESTYLE SOLUTIONS

**SAFETY DATA SHEET**  
**HYGEIA ECOADVANCE SANITIZER GEL**

Revision Date: 1st September 2020

**1 IDENTIFICATION OF THE PRODUCT**

Product (Trade) Name : HYGEIA ECOADVANCE SANITIZER GEL  
Manufacturer's Name : Genesis Chemical S'pore  
Address : No. 1 Soon Lee Street #04-02 Pioneer Centre S 627605  
Telephone No. : (65) 6465 9555

**2 HAZARD IDENTIFICATION**

**Classification of the substance or mixture.**

**Flammable Liquids** : **Category 3**  
**Eye Irritation** : **Category 2B**

**GHS Label Element** :



**Signal Word** : **Warning**  
**Hazard Statements** : **Flammable Liquid or Vapor**  
**Causes eye irritation**

**Precautionary Statements** : **Prevention:**  
Keep away from heat/sparks/open flames/hot surfaces.  
No smoking. Keep container tightly closed  
**Response:**  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention. In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.  
**Storage:**  
Store in a well-ventilated place. Keep cool  
**Disposal:**  
Dispose of contents/container to an approved waste disposal plant.

**3 COMPOSITION / INFORMATION ON INGREDIENTS**

<b>Component</b>	<b>Concentration(%)</b>	<b>CAS No.</b>
Ethyl Alcohol	> 70	64-17-5
De-ionised Water	< 10	7732-18-5
Glycerin	> 1	56-81-5
Tetrasodium salt EDTA	< 1	633-96-5
Carbomer	< 0.5	1-4-9003
Tetrahydroxypropyl Ethylenediamine	< 0.5	102-60-3

#### 4 FIRST AID PROCEDURES

After skin contact	Irritation unlikely. However, if irritation does occur, flush with flowing water for 5 minutes until product is removed.
After eye contact	Flush eyes with flowing water for at least 5 minutes until product is removed. See a physician if irritation persists. Take special care if exposed person is wearing contact lenses.
After ingestion	Contact a physician or Poison Control Center immediately. Do not induce vomiting never give anything by mouth to an unconscious person.
After inhalation	Get medical attention if symptoms occur.
Protection of first-aiders	No special precautions are necessary.
Notes to physicians	Treat symptomatically.

#### 5 FIRE AND EXPLOSION HAZARD DATA

Flash Point (Tag, Closed Tester)	: FLAMMABLE
Extinguishing Media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media	: High volume water jet
Specific Fire Fighting Procedures	: Keep away from heat sources of ignition. Flash back possible over considerable distance. Beware vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.
Hazardous combustion products	: Carbon Oxides
Special protective equipment for fire-fighters	: Use personal protective equipment.
Specific extinguishing methods	: Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing must be disposed of in accordance with local regulations. In the event of fire and/or explosion, do not breathe fumes.

#### 6 ACCIDENTAL RELEASE MEASURES

Steps To Be Taken If Material Is Released Or Spilled:

Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only.

Refer to protective measures listed in Section 7 and 8.

#### 7 HANDLING AND STORAGE

Handling:

Avoid contact with eyes. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces. Wash hands thoroughly after handling. Use only with adequate ventilation.

Storage:

Keep away from heat and sources of ignition. Keep in a cool, well ventilated place. Keep away from oxidizing agents. Keep out of reach of children. Keep container tightly closed. Store in suitable labeled containers.

Storage temperature:

0 degree C to 45 degree C

#### 8 CONTROL AND PROTECTIVE MEASURES

For Handling Product as Supplied

Respiratory Protection

Ventilation

: No protective equipment is needed under normal use

: Good general ventilation should be sufficient to control

workers exposure to airborne contamination.

Protective Gloves : No specific recommendation for any protective material.

Eye Protection : Eye protection should be used when splashing may occur

Other Protective Equipment : Not applicable.

**9 PHYSICAL / CHEMICAL CHARACTERISTICS**

Appearance	: Liquid	Specific Gravity (H <sub>2</sub> O=1)	: 0.96 approx.
Odor	: Characteristic	Flash Point (°C)	: About 23°C
Viscosity	: No Available Data	Melting or Freezing Point	: No Available Data
pH Value	: 7 ~ 8	Vapor Pressure (mmHg)	: No Available Data
% Volatile by Weight	: No Available Data	Vapor Density (Air=1)	: No Available Data
Solubility in Water	: Completely soluble	Evaporation Rate	: No Available Data

**10 STABILITY AND REACTIVITY DATA**

Stability : Stable

Conditions to Avoid : Heat, flames, and sparks.

Incompatibility (Materials Avoid) : No particular incompatibilities

Hazardous Decomposition Products : Carbon oxides

Hazardous Polymerization : Will not occur.

**11 TOXICOLOGICAL INFORMATION**

Acute Inhalation : No symptoms known or expected.

Acute Skin Contact : No symptoms known or expected.

Acute Eye Contact : Redness, irritation

Acute Ingestion : No symptoms known or expected.

**12 ECOLOGICAL INFORMATION**

Use according to good working manners, avoid dispersion in the environment.

**13 DISPOSAL CONSIDERATIONS**

Waste Disposal Method:  
Dispose of in accordance with applicable federal, state and local ordinances.

**14 TRANSPORT INFORMATION**

**Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes. The shipper / consignor / sender responsible to ensure that the packaging, labeling, and markings are in compliance with the selected mode of transport**

Shipment	Identification Number	Proper Shipping Name	Hazardous Classification	Packaging Grot
US DOT	None	CONSUMER COMMODITY	ORM-D	None
IATA (Air)	ID8000	CONSUMER COMMODITY	9	N/A
IMDG (Vessel)	Un1170	ETHANOL SOLUTION	3	III, LTD QTY

**15 REGULATORY INFORMATION**

**U.S. Federal regulations**

**TSCA (Toxic Substances Control Act)** : All ingredients in this product are either listed, or exempt from listing, on TSCA Inventory

Control Act. : TSCA Inventory.  
**CERCLA (Comprehensive Response Compensation, and Liability Act)** : Not Determined  
**SARA Title III (Superfund Amendments and Reauthorization Act)** : None  
**SARA 313 Reportable Ingredients** : Fire Hazard  
 Acute Health Hazard

**16 OTHER INFORMATION**

**NFPA 704:**



**HMIS III:**

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>3</b>
<b>PHYSICAL HAZARDS</b>	<b>0</b>

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 Version : 1.0  
 Prepared by : Regulatory Compliance

This SDS have been revised in 1st September 2020 to provide more information.

The information contained herein is based on our present state of knowledge on the aforementioned date. It should not therefore be construed as guaranteeing specific properties of the product described. User is bound to assure himself of suitability and completeness of this information according to the specific use. This safety data sheet cancel and replace every previous edition.