

## 1.PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT

**Product name** Gel Hand Sanitizer  
**Product Number** GLS-550-1S12, GLS-550-378S4  
**NPN** 80098669  
**Brand** Sany+ GLS550  
**Product Use** Hand Cleansing

### MANUFACTURER

**Company Name** Green Labs – Chemical Solutions  
**Company Address** 851 Progress Court,  
Oakville, Ontario L6L 6K1

**TELEPHONE** (800) 921-5527

**EMERGENCY PHONE** CANUTEC (613) 996-6666 or \*666 (on a cellular phone)

## 2.HAZARDS IDENTIFICATION

### Emergency Overview

### Target Organs

Eyes and Skin

### GHS Classification

Flammable liquids : Category 3  
Eye irritation : Category 2A

**GHS Label elements, including precautionary statements**

Pictogram



**Signal word**

WARNING

**Hazard statement(s)**

H319 Causes serious eye irritation.

**Precautionary statement(s)**

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P233 Keep container tightly closed.

P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P280 Wear protective gloves/ eye protection/ face protection.

**Response:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/ attention.

**Storage:**

P403 + P235 Store in a well-ventilated place. Keep cool.

**Disposal:**

P501 Dispose of contents/ container to an approved waste disposal plant.

**HMIS Classification**

Health hazard: 2  
Flammability: 3  
Physical hazards: 0

**3.COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredients	CAS #	% by mass
ETHANOL	64-17-5	70% v/v
TRIETHANOLAMINE	102-71-6	< 0.1%

**4.FIRST AID MEASURES**

**General advice**

In the case of accident or if you feel unwell, seek medical advice immediately.  
When symptoms persist or in all cases of doubt seek medical advice.

**If inhaled**

. If inhaled, remove to fresh air.  
Get medical attention if symptoms occur.

**In case of skin contact**

Wash with water and soap as a precaution.  
Get medical attention if symptoms occur.

**In case of eye contact**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.  
If easy to do, remove contact lens, if worn.  
Get medical attention.

**If swallowed**

If swallowed, DO NOT induce vomiting.  
Get medical attention if symptoms occur.  
Rinse mouth thoroughly with water.

**Most important symptoms and effects, both acute and delayed**

Causes serious eye irritation.

**Notes to physician**

Treat symptomatically.

## 5. FIREFIGHTING MEASURES

### **Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### **Special protective equipment for firefighters**

Use personal protective equipment.

### **Specific hazards during fire fighting**

Fire Hazard Keep away from heat and sources of ignition. Flash back possible over considerable distance. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

### **Hazardous combustion products**

Carbon oxides

### **Specific extinguishing methods**

Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water 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

### **Personal precautions**

Remove all sources of ignition. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in sections 7 and 8.

### **Environmental precautions**

Do not allow contact with soil, surface or ground water.

### **Methods and materials for containment and cleaning up**

Do not allow contact with soil, surface or ground water.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapors). Keep away from fire, sparks and heated surfaces.

### **Conditions for safe 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 °C to 35 °C

## 8.EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients	CAS-No.	Form of exposure	Permissible concentration	Basis
<b>ETHANOL</b>	64-17-5	TWA	1,000 ppm	ACGIH
		TWA	1,000 ppm 1,900 mg/m3	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m3	OSHA Z1

**Personal protective equipment**

**Respiratory protection**

No personal respiratory protective equipment normally required.

**Hand protection**

No special protective equipment required.

**Eye protection**

No special protective equipment required.

**Skin and body protection**

No special protective equipment required.

**Hygiene measures**

No specific measures identified.

**Specific engineering controls**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Form	GEL
Color	NO COLOR
pH	6.5 – 7.5
Melting point/freezing point	No data available
Boiling point	70oC
Flash point	20 oC
Ignition temperature	No data available
Auto-ignition temperature	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Density	0.875 g/mL soluble
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Relative vapour density	No added fragrance
Odour	No data available
Odour Threshold	No data available
Evaporation rate	

## 10. STABILITY AND REACTIVITY

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

### Conditions to avoid

Heat, flames and sparks.

### Materials to avoid

None known.

### Hazardous decomposition products

Carbon oxides

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### Oral LD50

Acute toxicity estimate : > 5,000 mg/kg

#### Inhalation LC50

no data available

#### Dermal LD50

no data available

#### Other information on acute toxicity

no data available

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Causes serious eye irritation.

#### Respiratory or skin sensitisation

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

#### Germ cell mutagenicity

### Carcinogenicity

Not classified based on available information.

### Reproductive toxicity

Not classified based on available information.

### Teratogenicity

no data available

#### Specific target organ toxicity - single exposure (Globally Harmonized System)

The substance or mixture is not classified as specific target organ toxicant, single exposure.

#### Specific target organ toxicity - repeated exposure (Globally Harmonized System)

no data available

#### Aspiration hazard

no data available

## Potential health effects

### Inhalation

ethanol  
4 h LC50 rat: 117 mg/l

### Skin

ethanol  
LD50 rabbit: 15,800 mg/kg

## 12.ECOLOGICAL INFORMATION

### Toxicity

Harmful to aquatic life.

### Persistence and degradability

#### Ingredients:

Ethanol: Biodegradability : Result: Readily biodegradable.  
Biodegradation: 84 %

### Bioaccumulative potential

#### Ingredients:

Ethanol: Partition coefficient: n-octanol/water : log Pow: -0.35

### Mobility in soil

No data available

### Other adverse effects

no data available

## 13.DISPOSAL CONSIDERATIONS

### Product

The product should not be allowed to enter drains, water courses or the soil. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations. Dispose of wastes in an approved waste disposal facility.

### Contaminated packaging

Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.



## 14. TRANSPORT INFORMATION

### DOT (US)

UN number 1170  
Description of the goods Ethanol solutions  
Class 3  
Packing group II  
Environmentally hazardous no

### IATA

UN/ID No. UN 1987  
Proper shipping name  
Alcohols, n.o.s.  
Class 3  
Packing group II  
Labels Flammable Liquids

### Sea transport (IMDG/IMO)

UN number 1170  
Description of the goods ETHANOL SOLUTION  
Class 3  
Packing group II  
Marine pollutant no

## 15. REGULATORY INFORMATION

### Canadian Regulations

This is a personal care product that is safe for consumers and other users under normal and reasonably foreseeable use. Natural Health Products specifically defined by regulations in Canada are exempt from the requirement of an SDS for the consumer. While this material is not considered hazardous, this SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product.

## 16.OTHER INFORMATION

### Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Green Labs Chemical Solutions shall not be held liable for any damage resulting from handling or from contact with the above product.

### REVISION HISTORY

REVISION 0 – 2020-05-13 – Document Initiated

REVISION 1 - 2020-07-16 – Updated Flashpoint and TDG Packing Group