

**PRIMHS128 – LIQUID HAND SANITIZER**

**SECTION 1: IDENTIFICATION**

**1.1 PRODUCT IDENTIFIER**

Product name Liquid Hand Sanitizer  
Product number PRIMHS128  
Brand Prime Guard

**1.4 SUPPLIER'S DETAILS**

Name Highline Aftermarket  
Address 4500 Malone Road  
Memphis TN 38118  
Telephone 901-775-5555  
email sds@highlineaftermarket.com

**1.5 EMERGENCY PHONE NUMBER(S)** CHEM-TEL (800) 255-3924  
24 Hour Assistance

**SECTION 2: HAZARD IDENTIFICATION**

**General hazard statement**

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

**2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

**GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)**

- Flammable liquids, Cat. 2
- Sensitization, skin, Cat. 1

**2.2 GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS**

**Pictogram**



1. Flame      2. Exclamation mark

**Signal word**

**Danger**

**Hazard statement(s)**

H225 Highly flammable liquid and vapor  
H320 Causes eye irritation

**Precautionary statement(s)**

P102	Keep out of reach of children.
P103	Read label before use.
P363	Wash contaminated clothing before reuse.
P314	Get medical advice/attention if you feel unwell.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P243	Take precautionary measures against static discharge.
P280	Wear eye/face protection.
P303+P361+P352+P353	IF ON SKIN (or hair): Wash with plenty of water. Take off immediately all contaminated clothing. Rinse skin with water/shower.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor skin with water/shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P314	Get medical advice/attention if you feel unwell.
P331	Do NOT induce vomiting.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P370+P378	In case of fire: Use water to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container according to appropriate local regulations.

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2 MIXTURES****Hazardous components****1. Water**

Concentration	0-20 %
CAS no.	7732-18-5

**2. Glycerin**

Concentration	0 - 5 %
CAS no.	56-81-5

**2. Hydrogen Peroxide**

Concentration	0 - 1 %
CAS no.	7722-84-1

**3. Denatured Ethyl Alcohol**

Concentration	75-90 %
CAS no.	64-17-5

- Flammable liquids, Cat. 2

H225	Highly flammable liquid and vapor
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**SECTION 4: FIRST-AID MEASURES**

#### 4.1 DESCRIPTION OF NECESSARY FIRST-AID MEASURES

If inhaled	<p>Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.</p> <p>Acute and delayed symptoms and effects: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain</p> <p>If you feel unwell, get medical attention.</p>
In case of skin contact	<p>For accidental exposure to large quantities, wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Wash contaminated clothing before reused. Signs/symptoms may include localized redness, swelling, and itching. Get medical attention if irritation develops.</p>
In case of eye contact	<p>Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If irritation persists, get medical attention</p>
If swallowed	<p>Rinse mouth. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Call a poison center or doctor immediately.</p> <p>Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.</p>

#### 4.2 MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

The most important known symptoms and effects are described in the labelling and/or this safety data sheet.

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### SECTION 5: FIRE-FIGHTING MEASURES

#### 5.1 SUITABLE EXTINGUISHING MEDIA

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2 SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Ethanol: Carbon oxides

#### 5.3 SPECIAL PROTECTIVE ACTIONS FOR FIRE-FIGHTERS

Wear self-contained breathing apparatus for firefighting if necessary.

#### Further information

Use water spray to cool unopened containers.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

### 6.2 ENVIRONMENTAL PRECAUTIONS

Do not let product enter drains.

### 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Eliminate all sources of ignition. Soak up with inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

#### Reference to other sections

For disposal see section 13.

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## SECTION 7: HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING

Avoid contact with skin and eyes. Avoid inhalation of vapor or mist. Wash hands with soap and water after handling. Container explosion may occur under fire conditions. Use explosion-proof equipment. Keep away from sources of ignition. No smoking. Take measures to prevent the build up of electrostatic charge. For precautions see section 2.

### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Keep container tightly closed in a dry, cool and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

#### Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 CONTROL PARAMETERS

#### 1. Glycerin (CAS: 56-81-5)

TWA (Inhalation): 10 mg/m<sup>3</sup>; USA (OSHA)  
USA. Workplace Environmental Exposure Levels (WEEL)

#### 2. Ethyl alcohol (Ethanol) (CAS: 64-17-5)

PEL (Inhalation): 1000 ppm (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 1900 mg/m<sup>3</sup> (OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

PEL (Inhalation): 1000 ppm (Cal/OSHA)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

REL (Inhalation): 1000 ppm (NIOSH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

TLV® (Inhalation): (ST) 1000 ppm; USA (ACGIH)  
OSHA Annotated Table Z-1, [www.osha.gov](http://www.osha.gov)

## 8.2 APPROPRIATE ENGINEERING CONTROLS

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

## 8.3 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT (PPE)

### Pictograms



#### Eye/face protection

Tightly fitting safety goggles. If splash hazard, wear face shield (8-inch minimum). Use equipment for eye protection that meets the standards referenced by OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.

#### Body protection

The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Not required under normal use conditions. If engineering controls and ventilation are not sufficient to control exposure to below the allowable limits then an appropriate NIOSH/MSHA approved air-purifying respirator with organic vapor/acid gas cartridge and particulate filter, or self-contained breathing apparatus must be used. Supplied air breathing apparatus must be used when oxygen concentrations are low or if airborne concentrations exceed the limits of the air-purifying respirators.

#### Thermal hazards

No data available.

#### Environmental exposure controls

Do not let product enter drains.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Clear Liquid
Odor	Alcohol
pH	7.0-8.0
Flash point	No data available
Relative density	< 1.00
Solubility(ies)	Soluble in water
Viscosity	< 25 cps

#### Other safety information

No data available.

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## SECTION 10: STABILITY AND REACTIVITY

### 10.1 REACTIVITY

This material is considered to be non-reactive under normal use conditions.

### 10.2 CHEMICAL STABILITY

Stable under normal storage conditions.

### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No data available.

### 10.4 CONDITIONS TO AVOID

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

### 10.5 INCOMPATIBLE MATERIALS

Ethanol: Alkali metals, Oxidizing agents, Peroxides

### 10.6 HAZARDOUS DECOMPOSITION PRODUCTS

No data available.

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## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity

Components:

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

Acute and delayed symptoms and effects from inhalation, skin and eye contact and ingestion are listed in Section 4.

ATE (dermal) of mixture: 2500 mg/kg

ATE (inhalation, gaseous) of mixture: 5833.33 ppmv

ATE (inhalation, vapor) of mixture: 25 mg/l

ATE (oral) of mixture: 833.33 mg/kg

Ethanol: ACGIH: A3 Confirmed animal carcinogen with unknown relevance to humans.

#### Skin corrosion/irritation

May cause skin irritation.

#### Serious eye damage/irritation

May cause eye irritation.

#### Respiratory or skin sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

#### Carcinogenicity

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

**STOT-single exposure**

May cause drowsiness or dizziness

**STOT-repeated exposure**

May cause damage to organs through prolonged or repeated exposure

**Aspiration hazard**

May be harmful if swallowed and enters airways

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**SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity**

No data available on product

**Persistence and degradability**

No data available on product

**Bioaccumulative potential**

No data available on product

**Mobility in soil**

No data available on product.

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects**

No data available on product.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

**Disposal of the product**

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

**Disposal of contaminated packaging**

Dispose of as unused product.

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**SECTION 14: TRANSPORT INFORMATION**

**DOT (US)**

DOT/TDG Proper Shipping Name: Flammable Liquids, n.o.s, (Ethanol)

DOT/TDG Identification Number: UN1993

DOT Hazard Class: 3 / TDG Hazard Class: 3

DOT/TDG Packing Group: III

ERG Guide Number: 128

Marine Pollutant: No

Limited Quantity exemption under 49 CFR 173.150 (f)(e) for containers less than 5L

**IATA**

UN Number: 1993  
Class: 3  
Packing Group: III  
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.  
Description: UN1993, FLAMMABLE LIQUID, N.O.S. (ETHANOL), 3, III

**IMDG/IMO**

UN Number: 1993  
Class: 3  
Packing Group: III  
Proper Shipping Name: FLAMMABLE LIQUID, N.O.S.  
Description: UN1993, FLAMMABLE LIQUID, N.O.S. (ETHANOL), 3, III

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**SECTION 15: REGULATORY INFORMATION**

**15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE PRODUCT IN QUESTION**

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

Chemical name: Ethanol  
CAS number: 64-17-5

Chemical name: Glycerin  
CAS number: 56-81-5

**New Jersey Right To Know Components**

Water  
CAS-No. 7732-18-5

Chemical name: Glycerin  
CAS number: 56-81-5

Common name: ETHYL ALCOHOL  
CAS number: 64-17-5

**Pennsylvania Right To Know Components**

Water  
CAS-No. 7732-18-5

Chemical name: Glycerin  
CAS number: 56-81-5

Chemical name: Ethanol  
CAS number: 64-17-5



**SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 311/312 Hazards**

No SARA Hazards

**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

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**SECTION 16: OTHER INFORMATION**

**16.1 FURTHER INFORMATION/DISCLAIMER**

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. In no event shall Highline Aftermarket be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Highline Aftermarket has been advised of the possibility of such damages.

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