



# SAFETY DATA SHEET

**Date Prepared :** 06/12/2020  
**SDS No :** ZogicsWHOSanitizerUS  
**Date Revised :** 02/17/2020  
**Revision No :** 1

## Zogics WHO Formula Hand Sanitizer

### 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Zogics WHO Formula Hand Sanitizer  
**GENERAL USE:** Cleaning & Sanitizing  
**PRODUCT DESCRIPTION:** Hand Sanitizer  
**CHEMICAL FAMILY:** Mixture

#### DISTRIBUTOR

Zogics, LLC  
 309 Pittsfield Rd.  
 Lenox, MA 01240  
**Customer Service:** 888-623-0088

#### 24 HR. EMERGENCY TELEPHONE NUMBERS

**Poison Control Center (Medical) :** (877) 800-5553  
**CANUTEC (Canadian Transportation) :** (613) 996-6666  
**CHEMTREC (US Transportation) :** (800) 424-9300

### 2. HAZARDS IDENTIFICATION

#### GHS CLASSIFICATIONS

Classified as hazardous according to GHS guidelines.  
 Flammable Liquids, Category 2

#### GHS LABEL

Read label before use.



Flame



Irritant

**SIGNAL WORD:** DANGER

#### HAZARD STATEMENTS

Flammable liquid and vapour.  
 Causes serious eye irritation.  
 Harmful if swallowed or if inhaled.

#### PRECAUTIONARY STATEMENTS

##### General:

Keep away from heat and flame.  
 Keep out of reach of children.  
 If medical advice is needed, have product container or label at hand.

#### POTENTIAL HEALTH EFFECTS

**EYES:** No information regarding eye irritation.  
**SKIN:** No information regarding skin irritation.  
**SKIN ABSORPTION:** None Expected.  
**INGESTION:** Nausea, diarrhea, gastrointestinal irritation  
**INHALATION:** None known.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

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Chemical Name	Wt.%	CAS
Ethyl Alcohol	~ 80 - 85	64-17-5
Water	~ 11 - 15	7732-18-5
1,2,3- Propanetriol	~ 1 - 2	56-81-5
Hydrogen Peroxide	~ 0.1 - 0.2	7722-84-1

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** In the case of skin irritation or allergic reactions, consult a physician.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Irritation, redness, watering eyes

**SKIN:** Itching, redness.

**SKIN ABSORPTION:** Not Established

**INGESTION:** May be harmful if swallowed and enters airways.

**INHALATION:** No specific data.

**ACUTE EFFECTS:** Not Established

**CHRONIC EFFECTS:** Not yet Known

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Flammable Liquids

**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon

**FIRE FIGHTING PROCEDURES:** Fight fire with normal precautions from a reasonable distance.

**FIRE FIGHTING EQUIPMENT:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**FIRE EXPLOSION:** None Expected.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Pick up wash liquid with additional absorbent and place in a disposable container.

**LARGE SPILL:** Dike area in front of spill and contain for appropriate disposal.

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Not Established

**LAND SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.

**AIR SPILL:** None known.

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### 7. HANDLING AND STORAGE

**HANDLING:** Use good industrial practice.

**STORAGE:** Store in a cool place in original container and protect from sunlight.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m <sup>3</sup>
Ethyl Alcohol	ACGIH TLV	TWA	1000	1884
	OSHA PEL	TWA	1000	1900

**ENGINEERING CONTROLS:** No special ventilation requirements.

#### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** No specific recommendation.

**SKIN:** No specific recommendation.

**RESPIRATORY:** Not Established

**PROTECTIVE CLOTHING:** Not Established

**WORK HYGIENIC PRACTICES:** Wash hands before eating and wash before reuse.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**ODOR:** Mild alcohol

**APPEARANCE:** Clear liquid

**COLOR:** Water white

**pH:** ~ 6 to 8

**PERCENT VOLATILE:** 95 - 99

**FLASH POINT AND METHOD:** > (65°F) Closed Cup

**AUTOIGNITION TEMPERATURE:** Not Established

**VAPOR PRESSURE:** Not Established

**BOILING POINT:** ~ (212°F) to (220°F)

**SOLUBILITY IN WATER:** Soluble

**SPECIFIC GRAVITY:** ~ 0.81 to 0.86

**VISCOSITY:** Not Established

**(VOC):** ~ 5.50 to 5.80 # / gallon

### 10. STABILITY AND REACTIVITY

**REACTIVITY:** None

**HAZARDOUS POLYMERIZATION:** Will not occur



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**STABILITY:** Stable

**CONDITIONS TO AVOID:** Avoid high temperatures, ignition sources and incompatible materials.

**INCOMPATIBLE MATERIALS:** Oxidizing materials.

### 11. TOXICOLOGICAL INFORMATION

### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Expected to biodegrade readily.

**ECOTOXICOLOGICAL INFORMATION:** Not Established

**BIOACCUMULATION/ACCUMULATION:** Not Established

### 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Always check with local authorities regarding disposal of chemical products

**FOR LARGE SPILLS:** Dike area in front of spill and contain for appropriate disposal.

**EMPTY CONTAINER:** Follow all MSDS/label precautions even after container is emptied because it may retain product residues.

### 14. TRANSPORT INFORMATION

#### DOT (DEPARTMENT OF TRANSPORTATION)

**PROPER SHIPPING NAME:** Alcohols, n.o.s.

**TECHNICAL NAME:** UN 1987, Denatured Alcohol, ( Etahanol solution )

**PRIMARY HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** 1987

**NAERG:** 127

#### ROAD AND RAIL (ADR/RID)

**PROPER SHIPPING NAME:** Denatured Alcohol, ( ethanol solution )

**UN NUMBER:** 1987

**KEMLER NUMBER:** 33

**HAZARD CLASS:** 3

**CLASSIFICATION CODE:** F1

**PACKING GROUP:** II

**LIMITED QUANTITY:** LQ04

**SPECIAL PROVISIONS:** Limited quantities may be shipped as ORM-D, Consumer Commodity, in accordance with 49CFR (HMR181), 173.150 and 173.156.

#### AIR (ICAO/IATA)

**SHIPPING NAME:** No further information available.

### 15. REGULATORY INFORMATION

#### UNITED STATES

#### DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



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Flammable  
Liquid

### SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Flammable Hazard

### 302/304 EMERGENCY PLANNING

EMERGENCY PLAN: Not applicable.

### CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: No data available.

### TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
Ethyl Alcohol	64-17-5
Water	7732-18-5
1,2,3- Propanetriol	56-81-5
Hydrogen Peroxide	7722-84-1

TSCA STATUS: All components are listed on the TSCA inventory

CALIFORNIA PROPOSITION 65: No components listed

## 16. OTHER INFORMATION

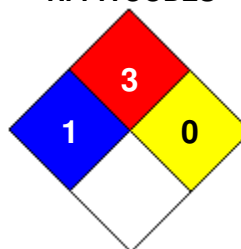
PREPARED BY: G.Westlund Date Revised: 02/17/2020

REVISION SUMMARY: This SDS replaces the 02/17/2020 SDS.

### HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY	<input type="checkbox"/>	3
PHYSICAL HAZARD	<input type="checkbox"/>	0
PERSONAL PROTECTION	<input type="checkbox"/>	

### NFPA CODES



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