



# Safety Data Sheet

Quip makes it safe. Simply and Sensibly.

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Revision Number: 3

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

**Product Description:** PREPARE

Product ID: PREPA  
Common Name: Chemical Mixture  
Chemical Name: Chemical Mixture  
Formula: Chemical Mixture

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended Use Antiseptic Hand Cleaner  
Uses advised against Not Available

### 1.3. Details of the supplier of the safety data sheet

Company Quip Laboratories, Inc.  
1500 Eastlawn Avenue  
Wilmington, DE 19802  
E-mail address thidell@quiplabs.com

### 1.4. Emergency telephone number

For information US call: 001-302-761-2600  
Emergency Number CHEMTREC Tel. No.US:001-800-424-9300

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**



**Signal Word**



**Warning**

**Classification :**

**Eye Irritation:**  
**Flammable Liquids:**

**Category 2**  
**Category 3**

**2.2. Label elements**

**Hazard Statements**

Causes serious eye irritation  
Highly flammable liquid and vapor

**Precautionary Statements**

Prevention

Wear eye protection.  
Keep away from heat, sparks, or open flames - No smoking.  
Keep container tightly closed.  
Ground or bond container and receiving equipment  
Use explosion-proof electrical/ventilating/light/equipment.  
Use only non-sparking tools  
Take precautionary measures against static discharge

Response

In case of fire: Use water for extinction.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

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IF EYE IRRITATION PERSISTS: Get medical advice or attention.

#### Storage

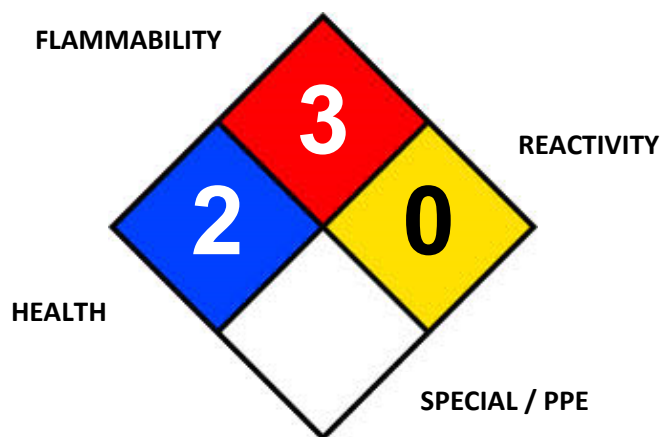
Store in a well-ventilated place. Keep cool.

#### Disposal

Dispose of contents/container in accordance with local regulations.

### **2.3. Other hazards**

No other hazards classified.



## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight %	CAS No.
Ethyl Alcohol	60 - 75	64-17-5
Hydrogen Peroxide	0.125 – 0.135	7722-84-1
Glycerol	3 - 7	56-81-5

Reach Registration Number --

*For the full text of the R-phrases and H-Statements mentioned in this Section, see Section 16*

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

<b>Eye Contact</b>	Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or into the face. If eye irritation persists: Get medical advice/attention.
<b>Skin Contact</b>	This product is non-hazardous when in contact with skin.
<b>Ingestion</b>	Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position.
<b>Inhalation</b>	Remove source of exposure or move person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER/doctor. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor.
<b>Protection of First-aiders</b>	Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination

### 4.2. Most important symptoms and effects, both acute and delayed

Contact with eye can cause irritation.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Notes to Physician**                      Treat symptomatically

## SECTION 5: FIREFIGHTING MEASURES

**5.1. Extinguishing media**

**Suitable Extinguishing Media:**

Use water spray, powder, foam, carbon dioxide.

**Extinguishing media which must not be used for safety reasons:**

No information available.

**5.2. Special hazards arising from the substance or mixture**

No information available.

**Hazardous Combustion Products:**

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>).

**5.3. Advice for firefighters**

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**6.1. Personal precautions, protective equipment and emergency procedures**

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering.

**6.2. Environmental precautions**

Should not be released into the environment.

**6.3. Methods and material for containment and cleaning up**

SMALL SPILLS (less than 1 gallon): Neutralize with soda ash or cover with dry earth, sand or other non-combustible material, place into loosely covered plastic containers for later disposal. If neutralized, material can be diluted into drain. LARGE SPILL: Restrict access to area until completion of clean up. Prevent liquid from entering sewers or waterways. Stop or reduce leak if safe to do so. Dike with inert material (sand, earth, etc.). Collect into plastic containers for disposal. Ensure adequate decontamination of tools and equipment following clean up. SECTION 7 - HANDLING AND

**6.4. Reference to other sections**

Refer to protective measures listed in Sections 8 and 13.

**SECTION 7: HANDLING AND STORAGE**

**7.1. Precautions for safe handling**

No precautions required for consumer use. If splashes are likely to occur, wear safety glasses.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep containers tightly closed in a dry, cool and well-ventilated place.

**7.3. Specific end use(s)**

Hand sanitizer.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**8.1. Control parameters**

**Exposure limits**

List source(s):

**Biological limit values:**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

Component	STD	TWA		STEL		Notes
Ethyl Alcohol	WEL	1000	ppm	1000	ppm	
Hydrogen Peroxide	WEL	1	ppm	1	ppm	

WEL = Workplace Exposure Limit

**Ingredient Comments**

STEL = Short Term Exposure

TWA = Time Weighted Average

**8.2. Exposure controls**

**Hygiene Measures:**

Handle in accordance with good industrial hygiene and safety practice

**Engineering Measures:**

Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation, especially in confined areas

**Personal protective equipment:** See below.

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<b>Eye Protection:</b>	None required for consumer use. If splashes are likely to occur wear safety glasses..
<b>Hand Protection:</b>	No special protective equipment required.
<b>Skin and body protection:</b>	No special protective equipment required.
<b>Respiratory Protection:</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Respiratory protection must be provided in accordance with current local regulations.
<b>Hygiene Measures:</b>	Handle in accordance with good industrial hygiene and safety practice
<b>Environmental exposure controls :</b>	No information available.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Clear, colorless
<b>Physical State</b>	Liquid
<b>Odor</b>	Alcohol Odor
<b>Odor Threshold</b>	No data available
<b>pH (10% soln.)</b>	7 - 8
<b>Melting Point/Range</b>	No data available
<b>Softening Point</b>	No data available
<b>Boiling Point/Range</b>	180 °C
<b>Flash Point</b>	27°C (73 °F)
<b>Evaporation Rate</b>	No information available
<b>Flammability (solid,gas)</b>	Flammable liquid – Category 3
<b>Lower flammable limit (% by vol.)</b>	5%
<b>Higher flammable limit (% by vol.)</b>	16%
<b>Explosion Limits</b>	No data available.
<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	No data available
<b>Specific Gravity / Density</b>	0.89
<b>Bulk Density</b>	No data available
<b>Water Solubility</b>	Soluble
<b>Solubility in other solvents</b>	No information available.
<b>Partition Coefficient (n- octanol/water)</b>	No data available
<b>Autoignition Temperature</b>	No data available
<b>Decomposition temperature</b>	No data available
<b>Viscosity</b>	5 – 15 cps at 20°C (68 °F)

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**Explosive Properties Oxidizing Properties** No data available

### 9.2. Other information

Molecular Formula Not Available  
Molecular Weight Not Available

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Chemical stability

Stable under normal conditions.

### 10.2. Possibility of hazardous reactions

**Hazardous Polymerization:** Hazardous polymerization does not occur.  
**Hazardous Reactions:** None under normal processing.

### 10.3. Materials to avoid

Chlorine containing compounds

### 10.4. Incompatible materials

Strong oxidizing agents. Strong acids. Strong bases.

### 10.5. Hazardous decomposition products

None known

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

(a) acute toxicity;

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Prepare	>10,000 mg/kg	>10,000 mg/kg	>20 mg/l

(b) skin corrosion/irritation; Mild skin irritation  
(c) serious eye damage/irritation; Contact with eye can cause irritation.



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(d)	respiratory or skin sensitization;	
	Respiratory	Based on available data, the classification criteria are not met
	Skin	Based on available data, the classification criteria are not met
(e)	germ cell mutagenicity;	Based on available data, the classification criteria are not met
(f)	carcinogenicity;	Based on available data, the classification criteria are not met
		There are no known carcinogenic chemicals in this product
(g)	reproductive toxicity;	Based on available data, the classification criteria are not met
(h)	STOT-single exposure;	Based on available data, the classification criteria are not met
(i)	STOT-repeated exposure;	Based on available data, the classification criteria are not met
	Target Organs	Skin, Respiratory system, Eyes
(j)	aspiration hazard;	Not applicable

Other Adverse Effects See actual entry in RTECS for complete information The toxicological properties have not been fully investigated.

Symptoms / effects, both acute and delayed

Contact with eye can cause irritation.

## SECTION 12: ECOLOGICAL INFORMATION

### **12.1. Toxicity**

Ecotoxicity effects

Component	Fish	Daphnia
Prepare	No data available	No data available

### **12.2. Persistence and degradability**

**Persistence:**

Product is biodegradable

Soluble in water, Persistence is unlikely, based on information available.

### **12.3. Bioaccumulative potential**

Bioaccumulation is unlikely

### **12.4. Mobility in soil**

The product is water soluble, and may spread in water systems. Will likely be mobile in the environment due to its water solubility. Highly mobile in soils.

### **12.5. Results of PBT and vPvB assessment**

Substance is not considered persistent, bioaccumulative And toxic (PBT) / very persistent and very Bioaccumulative (vPvB).

**12.6. Other adverse effects**

Endocrine Disruptor Information	This product does not contain any known or suspected endocrine disruptors
Persistent Organic Pollutant	This product does not contain any known or suspected substance
Ozone Depletion Potential	This product does not contain any known or suspected substance

**SECTION 13: DISPOSAL CONSIDERATIONS**

**13.1. Waste treatment methods**

Federal, state and local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation/treatment procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected. All waste materials should be reviewed to determine the applicable hazards (testing may be necessary).

**SECTION 14: TRANSPORT INFORMATION**

<b>14.1. UN number:</b>	UN1993
<b>14.2. Proper shipping name:</b>	Flammable liquid, n.o.s. (Ethanol)
<b>14.3. Transport hazard class(es):</b>	Class 3
<b>14.4. Packing group:</b>	III
<b>14.5. Environmental hazards</b>	Not a marine pollutant

**SECTION 15: REGULATORY INFORMATION**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**US FEDERAL REGULATIONS:**

**TSCA:** In TSCA (Toxic Substances Control Act)

**SARA 311 and 312 HAZARD CATEGORIES:**

Immediate (Acute): No	Delayed (Chronic): No	Fire: Yes
Reactivity: No	Sudden Release of Pressure: No	

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**SARA SECTION 313 NOTIFICATION:**

This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

**CAA 602 OZONE DEPLETING SUBSTANCES (ODS):**

This product neither contains nor is manufactured with an ozone depleting substance subject to the labeling requirements of the Clean Air Act Amendments 1990 and 40 CFR Part 82.

**VOLATILE ORGANIC COMPOUNDS (VOC):** Not Applicable.

**US STATE REGULATIONS:**

**VOLATILE ORGANIC COMPOUNDS (CARB):** Not Applicable.

**CANADIAN REGULATIONS:** N/A

**DSL/NDSL:** N/A

**WHMIS CLASSIFICATION:** N/A

Take note of Control of Substances Hazardous to Health Regulations (COSHH) 2002 and 2005 Amendment.

Take note of Dir 94/33/EC on the protection of young people at work.

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

**15.2. Chemical safety assessment**

A Chemical Safety Assessment/Report (CSA/CSR) has not been completed.

**SECTION 16: OTHER INFORMATION****Legend**

CAS - Chemical Abstracts Service

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Existing and Evaluated Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

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ENCS - Japan Existing and New Chemical Substances AICS - Australian Inventory of Chemical Substances

NZIoC - New Zealand Inventory of Chemicals

WEL - Workplace Exposure Limit

ACGIH - American Conference of Industrial Hygiene

DNEL - Derived No Effect Level

TWA - Time Weighted Average

IARC - International Agency for Research on Cancer

PNEC - Predicted No Effect Concentration

RPE - Respiratory Protective Equipment

LD50 - Lethal Dose 50%

LC50 - Lethal Concentration 50%

NOEC - No Observed Effect Concentration

PBT - Persistent, Bioaccumulative, Toxic

EC50 - Effective Concentration 50%

POW - Partition coefficient Octanol:Water

vPvB - very Persistent, very Bioaccumulative

ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

IMO/IMDG - International Maritime Organization/International Maritime Dangerous Goods Code

ICAO/IATA - International Civil Aviation Organization/International Air Transport Association

MARPOL - International Convention for the Prevention of Pollution from Ships

OECD - Organisation for Economic Co-operation and Development      ATE - Acute Toxicity Estimate

BCF - Bioconcentration factor

VOC - Volatile Organic Compounds

#### **Key literature references and sources for data**

Suppliers safety data sheet,

Chemadvisor - LOLI,

Merck index,

RTECS

#### **Training Advice**

Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene.

Use of personal protective equipment, covering appropriate selection, compatibility, breakthrough thresholds, care, maintenance, fit and standards.

First aid for chemical exposure, including the use of eye wash and safety showers.

The information in this Material Safety Data Sheet should be provided to all who use, handle, transport, or otherwise are exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and persons working with or handling this product. The information presented in this MSDS is premised upon proper handling and anticipated uses, and is for

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the material without chemical additions/alterations. Additionally, if this Material Safety Data Sheet is more than three years old, please contact this supplier at the phone number above Section 1 to make sure this sheet is current.

PREPARED BY: T. Hidell

DATE: 5/6/2020

Supercedes: 3/23/20

The information and recommendations contained herein are based upon data believed to be correct. No warranty, expressed or implied, is made.