

## Material Safety Data Sheet

Material Name: COOPER'S OWN™ Instant Skin Sanitizer

ID: CK01-0163

### \*\*\* Section 1 - Chemical Product and Company Identification \*\*\*

**Chemical Name:** Ethyl alcohol (gel)  
**Product Use:** Alcohol based skin sanitizer

#### Company Information

PolyJohn Enterprises  
2500 Gasper Ave.  
Whiting, IN 46391

Phone: +1-800-292-1305

Emergency # 1-800-535-5053 (INFOTRAC USA)

Mfg Contact: 1 352-323-3500 (INFOTRAC Int'l)

#### General Comments

INFOTRAC telephone number is to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure, or accident involving chemicals.

### \*\*\* Section 2 - Hazards Identification \*\*\*

#### Emergency Overview

##### WARNING

Flammable Liquid. Product is a clear gel with an alcohol odor. Contact can cause irritation to the eyes and skin. This product may be irritating to the respiratory system. This product may be harmful if it is swallowed. Acute ingestion or inhalation may cause central nervous system effects.

#### Potential Health Effects: Eyes

Contact can cause irritation. Vapors may also produce eye irritation.

#### Potential Health Effects: Skin

This product may cause irritation to the skin. Prolonged or repeated contact may worsen irritation.

#### Potential Health Effects: Ingestion

This product may be harmful if it is swallowed. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Acute ingestion of this product may result in central nervous system effects including headache, sleepiness, dizziness, slurred speech and blurred vision.

#### Potential Health Effects: Inhalation

Inhalation may produce respiratory irritation. Acute inhalation of this product may result in central nervous system effects including headache, sleepiness, dizziness, slurred speech and blurred vision.

**HMS Ratings: Health: 2 Fire: 3 Physical Hazard: 0 Pers. Prot.:** Gloves, Goggles

**Hazard Scale:** 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

### \*\*\* Section 3 - Composition / Information on Ingredients \*\*\*

CAS #	Component	Percent
64-17-5	Ethyl alcohol	55-70

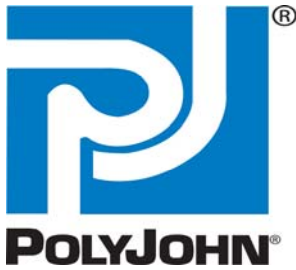
#### Component Information/Information on Non-Hazardous Components

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

### \*\*\* Section 4 - First Aid Measures \*\*\*

#### First Aid: Eyes

Immediately flush eyes with lukewarm water for at least 15 minutes, while holding eyelids open. Seek medical attention at once.



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### First Aid: Skin

For skin contact, wash immediately with soap and water. Immediately take off all contaminated clothing. Wash contaminated clothing before reuse. If irritation persists, get medical attention.

### First Aid: Ingestion

Do not induce vomiting. Call a physician immediately. Never give anything by mouth to a victim who is unconscious or is having convulsions.

### First Aid: Inhalation

If inhaled, immediately remove the affected person to fresh air. Call a physician if symptoms develop or persist.

## \*\*\* Section 5 - Fire Fighting Measures \*\*\*

### General Fire Hazards

See Section 9 for Flammability Properties.

DANGEROUS when exposed to heat or flame. This material can be ignited by flame or spark under all normal atmospheric conditions.

### Hazardous Combustion Products

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

### Extinguishing Media

Dry chemical, carbon dioxide, water fog.

### Fire Fighting Equipment/Instructions

Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Fire fighters should avoid inhaling any combustion products.

**NFPA Ratings: Health: 2 Fire: 3 Reactivity: 0**

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

## \*\*\* Section 6 - Accidental Release Measures \*\*\*

### Containment Procedures

Containment of this material should not be necessary. Remove sources of ignition. Block any potential routes to water systems.

### Clean-Up Procedures

Ventilate the contaminated area. Absorb spill with inert material. Shovel material into appropriate container for disposal. Use non-sparking tools. Wear appropriate protective equipment and clothing during clean-up. Regulations vary. Consult local authorities before disposal.

### Evacuation Procedures

Isolate area. Keep unnecessary personnel away.

### Special Procedures

Wear appropriate personal protective equipment to prevent contact with eyes and skin. Avoid inhalation of vapors from the spilled material.

## \*\*\* Section 7 - Handling and Storage \*\*\*

### Handling Procedures

Keep this product from heat, sparks, or open flame. Prevent eye and skin contact. Prevent inhalation of vapors. Avoid prolonged exposure. Wash thoroughly after handling.

### Storage Procedures

Keep the container tightly closed and in a cool, well-ventilated place. Eliminate all sources of ignition. Keep away from incompatible materials. Do not store in aluminum containers.



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### \*\*\* Section 8 - Exposure Controls / Personal Protection \*\*\*

#### Exposure Guidelines

##### A: General Product Information

Follow all applicable exposure limits.

##### B: Component Exposure Limits

###### Ethyl alcohol (64-17-5)

ACGIH: 1000 ppm TWA

OSHA: 1000 ppm TWA; 1900 mg/m<sup>3</sup> TWA

NIOSH: 1000 ppm TWA; 1900 mg/m<sup>3</sup> TWA

#### Engineering Controls

Ventilation should effectively remove and prevent buildup of any vapors generated from the handling of this product.

#### PERSONAL PROTECTIVE EQUIPMENT

##### Personal Protective Equipment: Eyes/Face

Wear safety glasses; chemical goggles if vapors are present.

##### Personal Protective Equipment: Skin

Use impervious gloves.

##### Personal Protective Equipment: Respiratory

If ventilation is not sufficient to effectively prevent buildup of mists or vapors, appropriate NIOSH approved respiratory protection must be provided.

##### Personal Protective Equipment: General

Use good industrial hygiene practices in handling this material. Eye wash fountain and emergency showers are recommended.

### \*\*\* Section 9 - Physical & Chemical Properties \*\*\*

<b>Appearance:</b>	Clear gel	<b>Odor:</b>	Alcoholic
<b>Physical State:</b>	Gel	<b>pH:</b>	6 - 8
<b>Vapor Pressure:</b>	10 mm Hg (approx.)	<b>Vapor Density:</b>	1.5 (approx.) (air=1)
<b>Boiling Point:</b>	170 - 180 °F	<b>Melting Point:</b>	-173 °F
<b>Solubility (H<sub>2</sub>O):</b>	100%	<b>Specific Gravity:</b>	0.9 g/mL (density)
<b>Freezing Point:</b>	Not available	<b>Flash Point:</b>	70 °F
<b>Flash Point Method:</b>	Not available	<b>Auto Ignition:</b>	800°F (approx.)
<b>Upper Flammability Limit (UFL):</b>	20%	<b>Lower Flammability Unit (LFL):</b>	3%

### \*\*\* Section 10 - Chemical Stability & Reactivity Information \*\*\*

#### Chemical Stability

Stable under normal conditions.

#### Chemical Stability: Conditions to Avoid

Keep away from heat, ignition sources and incompatible materials.

#### Incompatibility

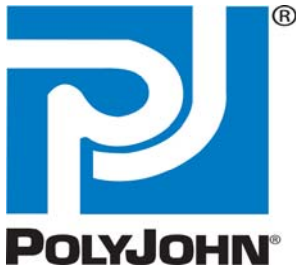
May react with strong oxidizing and reducing agents.

#### Hazardous Decomposition

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

#### Possibility of Hazardous Reactions

Will not occur.



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### \*\*\* Section 11 - Toxicological Information \*\*\*

#### Acute Dose Effects

##### A: General Product Information

The toxicological properties of this material have not been fully investigated. Product is expected to be harmful if swallowed, and cause eye, skin, respiratory system, and gastrointestinal tract irritation. Acute ingestion or inhalation may cause central nervous system effects.

##### B: Component Analysis - LD50/LC50

###### Ethyl alcohol (64-17-5)

Inhalation LC50 Rat: 124.7 mg/L/4H; Oral LD50 Rat: 1501 mg/kg

#### Repeated Dose Effects

No information available for the product. Ethyl alcohol is responsible for fetal alcohol syndrome which includes a number of teratogenic results: spontaneous abortions, birth defects and developmental problems.

#### Carcinogenicity

##### A: General Product Information

No information available for the product.

##### B: Component Carcinogenicity

###### Ethyl alcohol (64-17-5)

ACGIH: A4 - Not Classifiable as a Human Carcinogen

### \*\*\* Section 12 - Ecological Information \*\*\*

#### Ecotoxicity

##### A: General Product Information

No information available for the product.

##### B: Component Analysis - Ecotoxicity - Aquatic Toxicity

###### Ethyl alcohol (64-17-5)

Test & Species		Conditions
96 Hr LC50 Oncorhynchus mykiss	12900 mg/L	flow-through; 30 days old
96 Hr LC50 Pimephales promelas	14.2 mg/L	
5 min EC50 Photobacterium phosphoreum	35470 mg/L	
30 min EC50 Photobacterium phosphoreum	34634 mg/L	
48 Hr EC50 Daphnia magna	9268 mg/L	
24 Hr EC50 Daphnia magna	10800 mg/L	

#### Environmental Fate

No information available for the product.

### \*\*\* Section 13 - Disposal Considerations \*\*\*

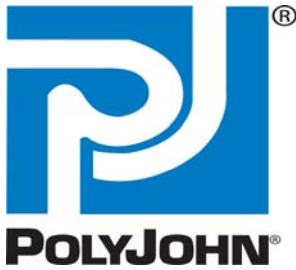
#### US EPA Waste Number & Descriptions

##### A: General Product Information

Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes. If discarded, this product is considered a RCRA ignitable waste, D001.

##### B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.



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## Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

### \*\*\* Section 14 - Transportation Information \*\*\*

#### US DOT Information

**Shipping Name:** Ethanol solutions

**UN/NA #:** UN1170 **Hazard Class:** 3 **Packing Group:** II

**Required Label(s):** Flammable Liquids

**Additional Info.:** This product may be shipped as an ORM-D Consumer Commodity if the U.S D.O.T. regulatory requirements are met.

#### TDG Information

**Shipping Name:** Ethanol solution

**UN/NA #:** UN1170 **Hazard Class:** 3 **Packing Group:** II

**Required Label(s):** Flammable Liquid

### \*\*\* Section 15 - Regulatory Information \*\*\*

#### US Federal Regulations

##### A: General Product Information

Components of this product have been checked against the non-confidential TSCA inventory by CAS Registry Number. Components not identified on this non-confidential inventory are exempt from listing (i.e. as polymers) or are listed on the confidential inventory as declared by the supplier.

##### B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

**Acute Health:** Yes **Chronic Health:** Yes **Fire:** Yes **Pressure:** No **Reactive:** No

#### State Regulations

##### A: General Product Information

Product may be subject to reporting in states other than those listed for individual components.

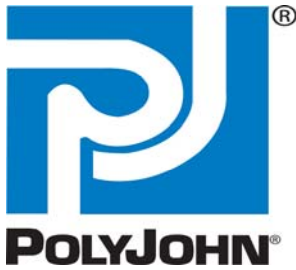
##### B: Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Ethyl alcohol	64-17-5	Yes	Yes	Yes	Yes	Yes	Yes

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

**WARNING!** This product contains a chemical known to the state of California to cause reproductive/developmental effects.



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### Component Analysis - WHMIS IDL

The following components are identified under the Canadian Hazardous Products Act Ingredient Disclosure List:

Component	CAS #	Minimum Concentration
Ethyl alcohol	64-17-5	0.1 %

### Additional Regulatory Information

#### A: General Product Information

No additional information available.

#### B: Component Analysis - Inventory

Component	CAS #	TSCA	CAN	EEC
Ethyl alcohol	64-17-5	Yes	DSL	EINECS

### \*\*\* Section 16 - Other Information \*\*\*

#### Other Information

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

#### Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists; ADR/RID = European Agreement of Dangerous Goods by Road/Rail; CAS = Chemical Abstracts Service; CERCLA = Comprehensive Environmental Response, Compensation, and Liability Act; CFR = Code of Federal Regulations; CPR = Controlled Products Regulations; DOT = Department of Transportation; DSL = Domestic Substances List; EINECS = European Inventory of Existing Commercial Chemical Substances; ELINCS = European List of Notified Chemical Substances; EPA = Environmental Protection Agency; IARC = International Agency for Research on Cancer; IATA = International Air Transport Association; IMO = International Maritime Organization; MAC/MAK = Maximum Concentration Value in the Workplace; mg/Kg = milligrams per Kilogram; mg/L = milligrams per Liter; mg/m3 = milligrams per Cubic Meter; MSHA = Mine Safety and Health Administration; NA = Not Applicable or Not Available; NIOSH = National Institute for Occupational Safety and Health; NJTSR = New Jersey Trade Secret Registry; NLP = No Longer Polymer; NTP = National Toxicology Program; OSHA = Occupational Safety and Health Administration; VLA/VLE = Work Exposure Threshold; SARA = Superfund Amendments and Reauthorization Act; STEL = Short Term Exposure Limit; TDG = Transport Dangerous Goods; TSCA = Toxic Substances Control Act; WHMIS = Workplace Hazardous Materials Information System.