

# SAFETY DATA SHEET

## ZAPAGERM Instant Hand Sanitizer

Version 1.0      Revision Date: 03-27-2020      MSDS Number: 001      Date of last issue: 03-27-2020  
Date of first issue: 03-27-2020

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### SECTION 1. IDENTIFICATION

Product name : ZAPAGERM Instant Hand Sanitizer

#### Manufacturer or supplier's details

Company name of supplier : 1490290 Ontario Inc.  
o/a Rheault Distillery

Address : 6 Hwy 583 North,  
Hearst ON P0L 1N0

Telephone : 1-705-362-8263

Emergency telephone : 1-888-226-8832  
(Canutec)

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### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Flammable liquids : Category 2

Serious eye damage/eye irritation : Category 2B

#### GHS Label element

Hazard pictograms :



Signal Word : Danger

Hazard Statements : H225 Highly flammable liquid and vapor.  
H320 Causes eye irritation.

Precautionary Statements : **Prevention:**  
P210 Keep away from heat/sparks/open flames/hot surfaces. -  
No smoking.  
**Response:**  
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.  
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.  
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 dis-

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posal plant.

### Other hazards

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity:  
65.1647 %

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65.1647 %

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

#### Hazardous ingredients

Chemical Name	CAS-No.	Concentration (%)
Ethanol	64-17-5	75% - 80%

### SECTION 4. FIRST AID MEASURES

- General advice : No hazards which require special first aid measures.
- If inhaled : Remove person to fresh air. If signs/symptoms continue, get medical attention.
- In case of skin contact : Wash off with soap and water.  
If symptoms persist, call a physician.
- In case of eye contact : Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
- If swallowed : If swallowed, DO NOT induce vomiting.  
Drink 1 or 2 glasses of water.  
If symptoms persist, call a physician or Poison Control Center immediately.
- Most important symptoms and effects, both acute and delayed : No information available.
- Notes to physician : No information available.

### SECTION 5. FIRE-FIGHTING MEASURES

- Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Unsuitable extinguishing media : Water spray jet
- Hazardous combustion products : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

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Specific extinguishing methods : Standard procedure for chemical fires.

Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Not required under normal use.  
No conditions to be specially mentioned.

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### SECTION 7. HANDLING AND STORAGE

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Ethanol	64-17-5	TWA	1,000 ppm 1,900 mg/m <sup>3</sup>	OSHA Z-1
		TWA	1,000 ppm 1,900 mg/m <sup>3</sup>	OSHA P0
		TWA	1,000 ppm 1,900 mg/m <sup>3</sup>	NIOSH REL
		STEL	1,000 ppm	ACGIH

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### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : gel

Color : clear

Odor : pleasant

pH : 7

Melting point/range : -114 °C

Boiling point/boiling range : 78 °C

Flash point : 16 °C

Upper explosion limit : 19 %(V)

Lower explosion limit : 3.3 %(V)

Vapor pressure : 60 hPa

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Solubility(ies)  
Solubility in other solvents : **completely soluble**

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### SECTION 10. STABILITY AND REACTIVITY

### SECTION 11. TOXICOLOGICAL INFORMATION

#### Acute toxicity

##### **Product:**

Acute oral toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

Acute dermal toxicity : Acute toxicity estimate: > 5,000 mg/kg  
Method: Calculation method

##### **Ingredients:**

##### **Ethanol:**

Acute oral toxicity : LD50 (Rat, female): 15,000 mg/kg

#### Carcinogenicity

##### **OSHA**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

##### **NTP**

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

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### SECTION 12. ECOLOGICAL INFORMATION

#### Ecotoxicity

##### **Ingredients:**

##### **Ethanol:**

Toxicity to fish : LC50 (Pimephales promelas (fathead minnow)): 14.2 g/l  
Exposure time: 96 h

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Test Type: flow-through test

Toxicity to daphnia and other aquatic invertebrates : EC50 (Ceriodaphnia dubia (water flea)): 5,012 mg/l  
Exposure time: 48 h  
Test Type: static test

Toxicity to algae : EC50 (Chlorella vulgaris (Fresh water algae)): 275 mg/l  
Exposure time: 72 h  
Test Type: static test

### **Persistence and degradability**

No data available

### **Bioaccumulative potential**

No data available

### **Mobility in soil**

No data available

### **Other adverse effects**

No data available

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## SECTION 13. DISPOSAL CONSIDERATIONS

### **Disposal methods**

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## SECTION 14. TRANSPORT INFORMATION

### **International Regulation**

#### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

### **Domestic regulation**

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## SECTION 15. REGULATORY INFORMATION

### **EPCRA - Emergency Planning and Community Right-to-Know**

**SARA 311/312 Hazards** : Fire Hazard

**California Prop 65** : This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.

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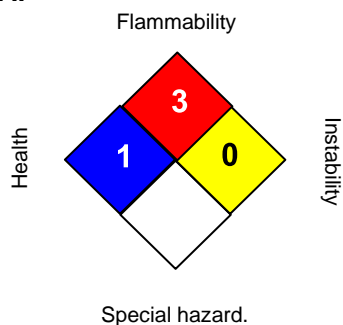
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### SECTION 16. OTHER INFORMATION

#### Further information

##### NFPA:



##### HMIS III:

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>3</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>

0 = not significant, 1 = Slight,  
2 = Moderate, 3 = High  
4 = Extreme, \* = Chronic

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The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.