

### SECTION 1. PRODUCT IDENTIFICATION

#### 1.1 TRADE NAME (AS LABELED):

SYNONYMS:

CAS#:

#### 1.2 PRODUCT USE:

CHEMICAL SHIPPING NAME/CLASS:

U.N. NUMBER:

#### 1.3 NORTH AMERICA:

MANUFACTURER'S NAME:

ADDRESS:

ADDRESS CONT:

BUSINESS PHONE:

WEB SITE INFORMATION:

#### 1.4 EMERGENCY PHONE NUMBERS:

DATE OF CURRENT REVISION:

DATE OF LAST REVISION:

NYS CLEAN Hand Sanitizer – End User Edition

N/A

Mixture

Sanitizing hands

Isopropanol

UN1219

**Corcraft – New York State Department of Corrections and Community Supervision**

Great Meadow Correctional Facility, Division of Industries

550 Broadway Albany, NY 12204

518-436-6321 EXT 2620

www.corcraft.org

**800-467-4922 (CHEMTREC)** THE CHEMTREC NUMBER IS TO BE CALLED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT INVOLVING CHEMICALS.

March 14, 2020

New

### SECTION 2. HAZARD IDENTIFICATION

**EMERGENCY OVERVIEW:** This product is a clear liquid.

**Health Hazards:** May cause serious eye irritation. May cause drowsiness / dizziness.

**Flammability Hazards:** This product is a flammable liquid with a flash point of 53.6°F / 12°C.

**Reactivity Hazards:** No data available.

**Environmental Hazards:** The Environmental effects of this product have not been investigated, however release may cause adverse environmental effects.

GHS Hazard Symbol(s)



US DOT SYMBOL(S)



Signal Word: **Danger!**

#### 2.1 GHS LABELING AND HAZARD CLASSIFICATION:

This product does meet the definition of a hazardous substance or preparation as defined by Health Canada and the OSHA (as described in 29 CFR 1910.1200(d))

#### Component(s) Contributing to Classification(s)

Isopropanol Alcohol

#### 2.2 LABEL ELEMENTS

##### GHS Hazard Classification(s):

Flammable Liquid, Category 2

Eye Irritation, Category 2A

Specific Target Organ Toxicity – Single Exposure, Category 3

##### Hazard Statement(s):

H225 Highly flammable liquid and vapour

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

### **Prevention Statement(s)**

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P233 Keep container tightly closed.  
P240 Ground and bond container and receiving equipment.  
P241 Use explosion-proof equipment.  
P242 Use non-sparking tools.  
P243 Take action to prevent static discharges.  
P261 Avoid breathing fume/mist/vapours/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves and eye protection

### **Response Statement(s):**

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P370+P378 In case of fire: Use media defined in Section 5 to extinguish.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue Rinsing  
P337+P313 If eye irritation persists: Get medical advice / attention  
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312 Call a POISON CENTER/doctor if you feel unwell.

### **Storage Statement(s):**

P403+P235 Store in a well-ventilated place. Keep cool.  
P233 Keep container tightly closed.  
P405 Store locked up.

### **Disposal Statement(s):**

P501 Dispose of contents / container in accordance with local/regional/national/international regulations.

## **2.3 OTHER HAZARDS**

None Applicable

## **SECTION 3. COMPOSITION AND INFORMATION ON INGREDIENTS**

COMPOSITION	WT. PERCENTAGE	CAS#	HAZARD CLASSIFICATION
Isopropanol Alcohol	75%	67-63-0	Flam Liq Cat 2, Eye Irrit Cat 2, STOT SE Cat 3
Balance of other ingredients are non-hazardous or less than 1% in concentration (< 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).			

## **4. FIRST-AID MEASURES**

### **4.1 DESCRIPTION OF FIRST AID MEASURES:**

**EYE CONTACT:** If product enters the eyes, open eyes while under gentle running water for at least 15 minutes. Remove contacts if present and easy to do. Seek medical attention if irritation persists.

**SKIN CONTACT:** Wash skin thoroughly with soap and water if exposed to an unintended amount of hand sanitizer.. Seek medical attention if irritation develops and persists.

**INHALATION:** If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.

**INGESTION:** If this product is swallowed, call physician or poison control center for treatment advice. Do not induce vomiting unless told to do so by a poison control center or physician. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions, or who cannot swallow. If transporting take a copy of the label and/or SDS with the victim to the health professional.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Pre-existing skin problems may be aggravated by prolonged contact.

### **4.2 SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:**

May cause serious eye irritation. May cause drowsiness / dizziness.

### **4.3 RECOMMENDATIONS TO PHYSICIANS:**

Treat symptoms and eliminate overexposure.

### SECTION 5. FIRE-FIGHTING MEASURES

#### 5.1 FIRE EXTINGUISHING MATERIALS:

Use fire extinguishing methods below:

Water Spray: No

Carbon Dioxide: Yes

Foam: Yes

Dry Chemical: Yes

Halon: Yes

Other: Any "C" Class

#### 5.2 UNUSUAL FIRE AND EXPLOSION HAZARDS: The vapors mixes well with air, explosive mixtures may be formed.

Explosion Sensitivity to Mechanical Impact: No

Explosion Sensitivity to Static Discharge: No

#### 5.3 SPECIAL FIRE-FIGHTING PROCEDURES:

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Evacuate spill area. Isolate hazard area and deny entry to unnecessary or unprotected personnel.

#### 6.2 ENVIRONMENTAL PRECAUTIONS:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils

#### 6.3 SPILL AND LEAK RESPONSE:

Stop the flow of material, if this can be done safely. Contain discharged material. Absorb spill using an absorbent, non-combustible material such as earth, sand, or vermiculite. Place in a proper container for disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces. (see Section 13, Disposal Considerations).

### SECTION 7. HANDLING and STORAGE

#### 7.1 PRECAUTIONS FOR SAFE HANDLING:

As with all chemicals, avoid getting this product IN YOU. Use good hygiene practices. When handling, do not eat, drink, or smoke.

#### 7.2 STORAGE AND HANDLING PRACTICES:

Store in original container. Keep in a well-ventilated area in closed containers. Protect containers from physical damage.

#### 7.3 SPECIFIC USES:

Sanitizing hands.

### SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### 8.1 EXPOSURE PARAMETERS:

Chemical Name	CAS#	ACGIH TLV	OSHA TWA
Isopropanol Alcohol	67-63-0	200 ppm TWA	400 ppm TWA

#### 8.2 EXPOSURE CONTROLS:

**VENTILATION AND ENGINEERING CONTROLS:** None needed for intended use.

**RESPIRATORY PROTECTION:** None needed for intended use.

**EYE PROTECTION:** None needed for intended use.

**HAND PROTECTION:** None needed for intended use.

**BODY PROTECTION:** None needed for intended use.

### SECTION 9. PHYSICAL and CHEMICAL PROPERTIES

#### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

**APPEARANCE (Physical State) and COLOR:** Clear

**ODOR:** Citrus

**ODOR THRESHOLD:** Not Applicable

**pH:** Not Available

**MELTING/FREEZING POINT:** Not Available  
**BOILING POINT:** Not Available  
**FLASH POINT:** 53.6°F / 12°C  
**EVAPORATION RATE (n-BuAc=1):** Not Available  
**FLAMMABILITY (SOLID, GAS):** Not Applicable  
**UPPER/LOWER FLAMMABILITY OR EXLOSION LIMITS:** Not Available  
**VAPOR PRESSURE (mm Hg @ 20°C (68°F):** Not Available  
**VAPOR DENSITY:** Not Available  
**RELATIVE DENSITY:** Not Available  
**SPECIFIC GRAVITY:** Not Available  
**SOLUBILITY IN WATER:** Miscible  
**WEIGHT PER GALLON:** Not Available  
**PARTITION COEFFICENT (n-octanol/water):** Not Available  
**AUTO-IGNITION TEMPERATURE:** Not Applicable  
**DECOMPOSITION TEMPERATURE:** Not Available  
**VISCOSITY:** Not Available

### **9.2 OTHER INFORMATION:**

No additional information available

## **SECTION 10. STABILITY and REACTIVITY**

### **10.1 REACTIVITY:**

None known.

### **10.2 STABILITY:**

Stable under conditions of normal storage and use.

### **10.3 POSSIBILITY OF HAZARDOUS REACTIONS:**

Will not occur.

### **10.4 CONDITIONS TO AVOID:**

Contact with incompatible materials.

### **10.5 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:**

Strong acids, oxidizing agents.

### **10.6 HAZARDOUS DECOMPOSITION PRODUCTS:**

In event of fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

## **SECTION 11. TOXICOLOGICAL INFORMATION**

### **11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:**

**TOXICITY DATA:** No specific data available for this product.

**SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE:** The most significant routes of overexposure for this product are by contact with skin or eyes. The symptoms of overexposure are described in the following paragraphs.

#### **ACUTE:**

**INHALATION:** Mist or spray may cause drowsiness / dizziness.

**CONTACT WITH SKIN:** Long term contact with skin may cause irritation.

**EYE CONTACT:** Contact with eyes may cause serious irritation including redness and tearing.

**INGESTION:** May be harmful if ingested. May cause gastrointestinal pain, vomiting, or headache.

**CHRONIC:** Prolonged exposure to skin may cause dryness and cracking.

**TARGET ORGANS:** **Acute:** Eyes, Respiratory System **Chronic:** Skin

**SUSPECTED CANCER AGENT:** Ingredients within this product are not found on the following lists: FEDERAL OSHA Z LIST, NTP, IARC, or CAL/OSHA and therefore are not considered to be, nor suspected to be, cancer-causing agents by these agencies.

**IRRITANCY OF PRODUCT:** This product may cause eye irritation.

**SENSITIZATION TO THE PRODUCT:** This product is not believed to be a skin sensitizer.

**REPRODUCTIVE TOXICITY INFORMATION:** No data available.



# SAFETY DATA SHEET

NYS CLEAN Hand Sanitizer – End User Edition

## SECTION 12. ECOLOGICAL INFORMATION

### 12.1 TOXICITY:

Isopropanol Alcohol	67-63-0	LC50	96400 mg/l – 96h	Fish
		EC50	1400 mg/l – 48h	Crustaceans

### 12.2 PERSISTENCE AND DEGRADABILITY:

No specific data available on this product.

### 12.3 BIOACCUMULATIVE POTENTIAL:

No specific data available on this product.

### 12.4 MOBILITY IN SOIL:

No specific data available on this product.

### 12.5 OTHER ADVERSE EFFECTS:

Though this product is not expected to be harmful to plants, animals or aquatic life all work practices must be aimed at preventing environmental contamination.

## SECTION 13. DISPOSAL CONSIDERATIONS

### 13.1 WASTE TREATMENT METHODS:

Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, and those of Canada.

## SECTION 14. TRANSPORTATION INFORMATION

### US DOT:

**U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:** This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

**14.1 UN IDENTIFICATION NUMBER:** UN1219

**14.2 PROPER SHIPPING NAME:** Isopropanol

**14.3 HAZARD CLASS NUMBER and DESCRIPTION:** 3

**14.4 PACKING GROUP:** II

DOT LABEL(S) REQUIRED: Flammable Liquid

NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK NUMBER: 129

**14.5 ENVIRONMENTAL HAZARDS: (RQ QUANTITY):** None

**MARINE POLLUTANT:** The components of this product are not designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

**14.6 SPECIAL PRECAUTION FOR USER:** None

## SECTION 15. REGULATORY INFORMATION

### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

#### UNITED STATES REGULATIONS:

**U.S. SARA REPORTING REQUIREMENTS:** The components of this product are not subject to the reporting requirements of Sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

**U.S. SARA THRESHOLD PLANNING QUANTITY:** There are no specific Threshold Planning Quantities for the components of this product. The default Federal SDS submission and inventory requirement filing threshold of 10,000 lbs (4,540 kg) therefore applies, per 40 CFR 370.20.

**SARA 311/312:** Acute Health: Yes; Chronic Health: No; Fire: Yes; Reactivity: No

**U.S. CERCLA REPORTABLE QUANTITY (RQ):** None.

**U.S. TSCA INVENTORY STATUS:** The components of this product are listed on the TSCA Inventory or are exempted from listing.

**OTHER U.S. FEDERAL REGULATIONS:** None known.

## SECTION 16. OTHER INFORMATION

### HMIS Rating (Scale 0-4)

Health hazard: 1

Flammability: 3

Physical Hazard: 0

### NFPA Rating (Scale 0-4)

Health hazard: 1

Flammability: 3

Physical Hazard: 0

**Caution: HMIS and NFPA ratings are based on a 0-4 rating scale**

0= Minimal Hazard

1= Slight

2= Moderate

3= High

4= Extreme

### **Abbreviations and acronyms**

<b>ACGIH</b>	<i>American Conference of Governmental Industrial Hygienists</i>
<b>CFR</b>	<i>Code of Federal Regulations</i>
<b>DOT</b>	<i>Federal Department of Transportation</i>
<b>GHS</b>	<i>The Globally Harmonized System of Classification and Labelling of Chemicals</i>
<b>HMIS</b>	<i>Hazardous Material Identification System</i>
<b>HCS</b>	<i>Hazard Communication Standard</i>
<b>IARC</b>	<i>International Agency for Research on Cancer</i>
<b>IATA</b>	<i>The International Air Transport Association</i>
<b>ICAO</b>	<i>The International Civil Aviation Organization</i>
<b>IMDG</b>	<i>International Maritime Dangerous Goods</i>
<b>IMO</b>	<i>International Maritime Organization</i>
<b>LD50/LC50</b>	<i>Lethal Concentration/Dose, 50 percent</i>
<b>NFPA</b>	<i>National Fire Protection Association</i>
<b>NIOSH</b>	<i>National Institute for Occupational Safety and Health</i>
<b>NTP</b>	<i>National Toxicology Program</i>
<b>OSHA</b>	<i>Occupational Safety and Health</i>
<b>PEL</b>	<i>OSHA Permissible Exposure Limit</i>
<b>SARA</b>	<i>Superfund Amendments and Reauthorization Act</i>
<b>TLV</b>	<i>ACGIH Threshold Limit Value</i>
<b>TWA</b>	<i>Time-Weighted Average</i>
<b>Acute Tox</b>	<i>Acute Toxicity</i>
<b>Skin Corr</b>	<i>Skin Corrosion</i>

**PREPARED BY:** Chris Eigbrett – (MSDS to GHS Compliance)

**DATE OF PRINTING:** March 26, 2020

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Corcraft assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Corcraft assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

**END OF SDS SHEET**