

SECTION 1 : IDENTIFICATION

Product Name: GCL-1000 HAND SANTIZER

Product Use: Sanitizer

Supplier: Glengarry Solutions

Phone: 416-757-1333

Address: 33 Melford Drive, Unit 5,
Scarborough, Ontario. M1B 2G6

Fax: 416-757-9793

Poison Control Centre: 1-800-268-9017

SECTION 2 : HAZARD IDENTIFICATION

GHS Classification:

Category 2: Flammable liquid.
Category 2A: Eye irritation.
Category 3: Specific target organ toxicity.

Signal Word: **Warning**

Pictogram:



Hazard Statements:

H225: Highly flammable liquid and vapour.
H319: Causes serious eye irritation.

Precautionary Statements:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241: Use explosion-proof electrical/ventilating/lighting equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.

Response Statements:

P301+P330+P331+P310 IF SWALLOWED: Rinse mouth. DO NOT INDUCE VOMITING. Immediately call a POISON CENTER/doctor.
P303+P362+P364 IF ON SKIN (OR HAIR): Take off contaminated clothing and wash it before reuse.
P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351 IF IN EYES: Rinse cautiously with water for several minutes.
P337+P313 If eye irritation persists get medical advice/attention.
P314: Get medical advice/attention if you feel unwell.

Storage: P403+P235 Store in a well ventilated place. Keep cool.

Disposal: P501: Dispose of container according to all applicable regulations.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	CAS NO.	EC No.	CONCENTRATION (Wt%)
Isopropyl Alcohol	67-63-0		68 - 72
Glycerine	56-81-5		2.0 - 3.0
Hydrogen Peroxide	7722-84-1		<1
Water	7732-18-5		25-30

SECTION 4 : FIRST AID MEASURES

- EYES:** If in eyes, rinse slowly and gently with water for 15–20 minutes. If present, remove contact lenses. Call a poison control center or doctor for further treatment advice.
- SKIN:** Not applicable.
- INHALATION:** Move to fresh air. If breathing problems develop, call a doctor.
- INGESTION:** Do not induce vomiting. Call a doctor or poison control center.

Notes to Physician Treat symptomatically.

Most important symptoms and effects, both acute and delayed

See Section 11 for information.

SECTION 5 : FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Dry chemical, carbon dioxide (CO₂), foam, or water spray.

Specific Hazards Arising from the Chemical: Alcohol flames may not be readily visible. Vapors are heavier than air and may travel to source of ignition and flash back.

Hazardous Combustion Products: Oxides of carbon.

Special Protective Equipment and Precautions for Fire-fighters:

As in any fire, wear self-contained breathing apparatus pressure-demand. Keep containers cool with water spray.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Ensure adequate ventilation. Use personal protective equipment as required. Eliminate all potential sources of ignition. Take precautionary measures against static discharges.

Environmental Precautions:

Prevent entry into surface water or sanitary sewers. See Section 12 for additional ecological information.

Methods and Materials for Containment and Cleaning Up:

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up: Eliminate all potential sources of ignition, and ventilate area. Absorb and containerize. Do not flush into surface water or sanitary sewer system.

SECTION 7 : HANDLING AND STORAGE

Precautions for Safe Handling:

Handle in accordance with good industrial hygiene and safety practice. Keep away from heat, sparks, and flames. Do not eat, drink, or smoke when using this product.

Conditions for Safe Storage:

Store in accordance all applicable regulations and fire codes. Keep containers tightly closed in a cool, well-ventilated place away from heat, sparks, open flames, and hot surfaces

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

COMPONENTS	CAS NO.	ACGIH TLV	OSHA PEL	NIOSH IDLH
Isopropyl Alcohol	67-63-0	STEL: 400 ppm	TWA: 400 ppm TWA: 980 mg/m ³	TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³

Legend

ACGIH - American Conference of Governmental Industrial Hygienists

OSHA - Occupational Safety and Health Administration

NIOSH IDLH: The National Institute for Occupational Safety and Health Immediately Dangerous to Life or Health

Appropriate Engineering Controls:

Showers, eyewash stations, ventilation systems.

Individual Protection Measures:

Eyes: None required for consumer use. If splashes are likely to occur, wear safety glasses.

Skin: No special protective equipment required.

Respiratory: 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.

Work Hygienic Practices: Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Thin liquid.
Colour:	Clear and colourless.
Odour :	Alcohol.
Odour Threshold:	No information available.
pH:	5.0 to 7.0
Specific Gravity (water = 1) :	~ 0.89
Melting point/Freezing point:	No information available.
Boiling point:	82°C
Flammability (solid, gas):	No information available.
Upper Explosive Limit:	No information available.
Lower Explosive Limit:	No information available.
Flash Point:	18 °C
Auto-ignition Temperature:	No information available.
Decomposition Temperature:	No information available.
Viscosity:	No information available.
Vapour Pressure (mm Hg) :	30mm Hg 20°C
Vapour Density (air = 1) :	No information available.
Evaporation Rate :	< 1
Solubility in Water :	Complete.
Partition Coefficient n-Octanol/Water:	No information available.

SECTION 10 : STABILITY AND REACTIVITY

Reactivity:	Stable.
Chemical Stability:	Stable under recommended storage conditions.
Possibility of Hazardous Reactions:	Vapors may form reactive mixture with air.
Conditions to Avoid:	Keep away from heat, sparks, open flames, and hot surfaces.
Incompatible Materials:	Strong oxidizers.
Hazardous Decomposition Products:	Carbon monoxide, carbon dioxide.

SECTION 11 : TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Inhalation: Inhalation of high concentrations of vapor or mist may cause dizziness.

Eye Contact: May cause slight irritation.

Skin Contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Information on toxicological effects

Symptoms: May cause slight redness and tearing of eyes.

Component Acute Toxicity Information

COMPONENT	CAS No.	ORAL LD ₅₀	DERMAL LD ₅₀	INHALATION LC ₅₀
Isopropyl Alcohol	67-63-0	4.4 g/Kg (rat)	12.9 g/kg (Rabbit)	16000 (Rat, 8 h)

SECTION 12 : ECOLOGICAL INFORMATION

Persistence and degradability: No information available.

Bioaccumulation:

Partition Coefficient: 0.05 (isopropyl Alcohol)

Other adverse effects: No information available.

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal of substance: Dispose of in accordance with all applicable federal, state, and local regulations.

Container disposal: Do not reuse empty containers. Dispose of in accordance with all applicable federal, state, and local regulations.

SECTION 14 : TRANSPORT INFORMATION

SECTION 15 : REGULATORY INFORMATION

Natural Product Number (NPN): 80101055

Chemical Inventories

DSL/NDSL All components are on the DSL or NDSL.

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulation (HPR), Hazard Communication Rule (2012), Regulation (EC) No 1907/2006

SECTION 16 : OTHER INFORMATION

Preparation Information:

Latest Revision Date: 29-May-2020

Issue Date: 29-May-2020

Version No. 1.0

Revision Notes: This document has been updated to comply with the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

Prepared By: Regulatory Affairs.

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