



Material Safety Data Sheet

Product name: HydraPure Gel

Revised on: 2020-10-05

Version: 04

I. Product name / Manufacturer's identification

Product Name: Hand sanitizer containing 70% ethyl alcohol

Commercial name: *HydraPure Gel*

Manufacturer: Les Eaux Saint-Leger /Waters Inc.

Address: 5335, Boul. J.-A. Bombardier, Saint-Hubert, Quebec, Canada, J3Z 1G4

Tél. / Fax: 450-443-2199; 450-443-0423

II. Product Identification

Product name: Hand sanitizer containing 70% ethyl alcohol

Ingredients- No CAS- Concentration in the product

Ingredients	No CAS	Concentration
Ethyl Alcohol	64-17-5	70%
Purified water	7732-18-5	28.2%
Sodium carbomer	9003-01-4	0.2%
Triethylamine (TEA)	121-44-8	0.1%
Glycerine	56-81-5	1.5 %

III. Risk identification

WHIMS Classification

CONTROLLED by SIMDUT

HMIS Classification

Flammable liquids: Category 2

Severe eye injury/eye irritation: Category 2BIV.

IV. Health risks

Potential health effects:

Skin

Notes: Prolonged usage can cause dryness and roughness of the skin.

Eyes

Notes: Splashing in the eyes can cause severe pain.

Raising awareness

Notes: Has no sensitizing effect on laboratory animals.

V. First Aid Measures

Inhalation

If inhaled, bring the person to an airy area. Call the Poison Control Centre or a doctor if you feel unwell.

Eye contact

Rinse eyes thoroughly with water. Remove contact lenses if it is easy to do so. If irritation persists, seek medical attention.

Ingestion

DO NOT vomit. Rinse mouth with water. Call the Poison Control Centre or a doctor immediately.

General

In case of doubt, or if symptoms persist, immediately contact a doctor.

VI. Firefighting measures

Ways to extinguish

To extinguish in case of a fire, use carbon dioxide, foam, dry chemical powder or sprayed water. Do not use a jet of water. However, sprayed water can be used to cool fire-exposed containers. Evacuate the dangerous zone, avoid heat sources or ignition sources.

VII. Security and protection measures

1. Airway Protection Equipment

Respiratory protective equipment must be selected, adjusted, maintained and inspected in accordance with regulations.

- Any air-supply breathing apparatus.
- Any self-contained breathing apparatus with a full mask.

2. Eye and skin protection equipment

Skin

Skin protection equipment must comply with regulations.

The following gloves are recommended:

- Butyl rubber
- Latex
- Nitrile rubber/polyvinyl chloride
- PE/PVAL/PE
- Viton®

Eyes

Eye and figure protection equipment must comply with regulations.

The following eye protectors are recommended:

- Waterproof goggles or waterproof-mounted glasses are recommended when there is possible splashing with the liquid.
- A visor (face shield) may also be recommended when there are possible splashes with the liquid (for example, when corrective glasses are worn).

VIII. Storage measures

Keep in well-closed containers in a dry, well-ventilated area away from heat and possible ignition sources.

IX. Product Characteristics

Appearance: Alcohol-based gel

Ethyl alcohol concentration: 70% ethyl alcohol

Boiling point: 78 °C

Flash point: 22 °C

X. Stability and reactivity

Chemical stability: stable in recommended storage conditions

Conditions to avoid: Heat and ignition sources

XI. Toxicological Information

Following repeated usage or prolonged contact with this product, may cause dryness of the skin.

XII. Ecological information

Ecotoxicity

Do not empty into drains

Component	Freshwater Algae	Freshwater Fish	Microtox	Water Flea
Ethyl alcohol (70%)	EC50 (72h) = 275 mg/l (Chlorella vulgaris)	(Chlorella vulgaris) Fathead minnow (Pimephales promelas) LC50 = 14200 mg/l/96h	Photobacterium phosphoreum:EC50 = 34634 mg/L/30 min Photobacterium phosphoreum:EC50 = 35470 mg/L/5 min	EC50 = 9268 mg/L/48h EC50 = 10800 mg/L/24h

Persistence and Degradability: Persistence is unlikely based on information available.

Bioaccumulation/ Accumulation : No information available.

Mobility: Will likely be mobile in the environment due to its volatility.

Component	log Pow
Ethyl alcohol	-0.32

XIII. Disposal considerations

Waste Disposal Methods: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.

XIV. Transport information

DOT

UN-No: UN1170

Proper Shipping Name : ETHANOL

Hazard Class : 3

Packing Group : II

TDG

UN-No : UN1170

Proper Shipping Name: ETHANOL

Hazard Class: 3
Packing Group : II
IATA
UN-No: UN1170
Proper Shipping Name: ETHANOL
Hazard Class: 3
Packing Group : II
IMDG/IMO
UN-No: UN1170
Proper Shipping Name: ETHANOL
Hazard Class: 3
Packing Group : II

XV. Regulatory information

All of the components in the product are on the following Inventory lists: X = listed

International Inventories

Component	TSCA	DSL	NDSL	EINECS	ELINCS	NLP	PICCS	ENCS	AICS	IECSC	KECL
Ethyl alcohol	X	X	-	200-578-6	-		X	X	X	X	X

Legend :

X - Listed

E - Indicates a substance that is the subject of a Section 5(e) Consent order under TSCA.

F - Indicates a substance that is the subject of a Section 5(f) Rule under TSCA.

N - Indicates a polymeric substance containing no free-radical initiator in its inventory name but is considered to cover the designated polymer made with any free-radical initiator regardless of the amount used.

P - Indicates a commenced PMN substance

R - Indicates a substance that is the subject of a Section 6 risk management rule under TSCA.

S - Indicates a substance that is identified in a proposed or final Significant New Use Rule

T - Indicates a substance that is the subject of a Section 4 test rule under TSCA.

XU - Indicates a substance exempt from reporting under the Inventory Update Rule, i.e. Partial Updating of the TSCA Inventory Data Base Production and Site Reports (40 CFR 710(B)).

Y1 - Indicates an exempt polymer that has a number-average molecular weight of 1,000 or greater.

Y2 - Indicates an exempt polymer that is a polyester and is made only from reactants included in a specified list of low concern reactants that comprises one of the eligibility criteria for the exemption rule.

U.S. Federal Regulations

TSCA 12(b): Not applicable

SARA 313: Not applicable

SARA 311/312: Hazard Categories See section 2 for more information

CWA :(Clean Water Act) Not applicable

Clean Air Act: Not applicable

OSHA: Occupational Safety and Health Administration Not applicable

CERCLA: Not applicable

California Proposition 65: This product contains the following proposition 65 chemicals Ethyl alcohol is only a considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage

Component	CAS-No	California Prop. 65	Prop 65 NSRL	Category
Ethyl alcohol	64-17-5	Development (alcoholic beverages only)	-	Developmental Carcinogen

U.S. State Right-to-Know Regulations

Component	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Ethyl alcohol	X	X	X	X	X

U.S. Department of Transportation

Reportable Quantity (RQ): N

DOT Marine Pollutant :N

DOT : Severe Marine Pollutant

U.S. Department of Homeland Security

This product does not contain any DHS chemicals

Other International Regulations

Mexico – Grade : Serious risk, Grade 3

XVI. Other information

Safety Data Sheet prepared on 2020-07-01

Written by:

Quality Control Manager

Tarik El Hariri