



1 Identification

· Product Identification

- **Product name : PURGEL # NPN 80098292**

Recommended use : Antiseptic gel.

· Usage Restriction

Any uses other than those described on the label and product data sheet.

Information about the supplier of the safety data sheet

· Manufacturer:

Unica Canada inc.
90, J.A. Bombardier
Boucherville, (Québec)
Canada
J4B 8N4
(450)655-8168
www.unicacanada.com

- **Emergency telephone number (24 H) : CANUTEC 1-613-996-6666**

2 Hazards Identification

· Product Classification:

This product is registered as a disinfectant. It is not subject to the Hazardous Products Act. (L.R.C. (1985), ch. H-3).



GHS02

Flam. Liq. 3 H226 FLAMMABLE LIQUID AND VAPOR.



GHS07

Eye Irrit. 2A H319 CAUSES SERIOUS EYES IRRITATION.

· Labelling elements

· Hazards Pictograms



GHS02 GHS07

- **Warning Statement : Warning**

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· **Hazard-determining components relevant to labelling:**

Ethanol

· **Mentions de danger**

H226 FLAMMABLE LIQUID AND VAPOR.

H319 CAUSES SERIOUS EYES IRRITATION.

· **Prudence advice**

P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking.

P241 Use explosion-proof electrical/ventilating/lighting/.../ equipment.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.

P280 Wear protective eye protection/face protection.

P240 Ground/bond container and receiving equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

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.

P370+P378 In case of fire: Use ... to extinguish.CO₂, extinguishing powder or water spray.

P405 Store locked up.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P403+P235 Keep cool.

P501 Dispose of contents and container in accordance with local regulations, regional and national.

· **NFPA Classification system :**

· **(range 0-4)**



Health = 1

Flammability = 3

Reactivity = 0

· **Other hazards not classified :** Aucun

· **Notes: Abbreviations are defined in section 16.**

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3 Composition/information on ingredients

· **Hazardous ingredients**

Cas	Ingredients	(% v/v)
64-17-5	Ethanol	70 %

4 First aid and measures

- General remarks: - After inhalation: Rarely causes discomfort, give fresh air and seek medical attention if discomfort occurs. Give plenty of fresh air and consult a doctor for safety. In case of unconsciousness, lie down and carry person in a stable lateral position. Seek medical attention.
- After skin contact: This product is made to disinfect the skin. There are no restrictions to the use of this product. However, if there is a serious complication, please consult a doctor.
- After eye contact: Rinse eyes under running water for several minutes, keeping eyelids well apart.
- After swallowing: If symptoms persist, consult a physician.
- Information for the doctor:
- Main symptoms and effects, acute and delayed No further important information available.

5 Fire Fighting Measures

- **Suitable extinguishing agents**
 - Suitable extinguishing agents
CO₂, extinguishing powder or water spray. Fight large fires with water spray or alcohol-resistant foam.
 - Unsuitable extinguishing media for safety reasons: High water jet - Product-specific hazards
In case of accidental fire and/or extreme heat, the following gaseous products may be released after evaporation of water: hydrocarbons, carbon monoxide and dioxide (CO_x) and nitrogen oxides (NO_x).
 - Advice for fire-fighters
- Special protective equipment and special precautions for firefighters : No special measures are required.

6 Accidental Release Measures

· **Personal Precaution, Protective Equipment and Emergency Procedure**

Wear the recommended safety equipment(s). Keep unprotected person away.

- Environmental precaution: No special measure are required. – Methods and equipment for containment and clean-up: Collect liquid with absorbent material (sand, diatomaceous earth, acid neutralizer, universal binder, sawdust). Do not flush with water or aqueous cleaning agents.

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7 Handling and Storage

- **Manipulation:**
 - **Precaution for safe handling**
No special measure are necessary for proper use.
- **Storage security condition, including incompatibilities**
 - **Requirement to be met by storerooms and containers** : No special requirements.
 - **Information about storage in one common storage facility:** Not required
 - **Requirements for safe storage, including incompatibilities** **Keep original packaging tightly closed** Keep locked up and out of the reach of children.

- Special end use(s) No further relevant information available.

8 Exposure Controls/Personal Protection

- Appropriate Engineering Controls Ensure adequate ventilation and venting.
- Control parameters

· **Components with threshold values to be monitored per workstation:**

64-17-5 Ethanol

EL (Canada) Momentary value: 1000 ppm

EV (Canada) Long-term value: 1,900 mg/m³, 1,000 ppm

· **Additional remarks:**

This document is based on the lists in force at the time of its preparation.- Exposition Controle :

· **Personal protective equipment:**



Protective goggles

- General protective and hygienic measures:

Wash hands before breaks and at the end of work. Avoid contact with eyes.

Avoid breathing dust, fumes, gases, mists, vapours or aerosols.

- Respiratory protection: Not required. - Hand protection: Not required.

- Eye protection: Safety glasses - Body protection: No special measures.

9 Physical and Chemical Properties

- Information on essential physical and chemical properties

· **General indications :**

· **Appearance :**

· **Style :**

Gel

· **Colour:**

Colorless

· **Odour:**

Alcohol

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· Odour threshold:	Not available
· pH @ 25 °C:	7.0-7.5
· State change	
· Fusion point:	Not available
· Boiling point:	78 °C
· Flash point	25 °C
· Flammability (solid, gas):	Non applicable.
· Autoinflammation temperature:	425 °C
· Decomposition temperature:	Not available
· Auto-inflammation:	The product does not self-ignite.
· Explosion hazard:	The product is not explosive; however, mixtures of vapour-air explosives can form.
· Explosion limit:	
· Lower:	Not available
· Higher:	Not available
· Vapour pressure @ 20 °C:	59 hPa
· Densité @ 25 °C:	0,875-0,895
· Relative density	Not available
· Vapour density	Not available
· Evaporation rate	Not available
· Solubility in/miscibility with	
· water :	Fully miscible
· Partition coefficient constant (n-octanol/water, log Kow):	Not available
· Viscosity:	
· Dynamic:	Not available
· Sovents content :	
· Alcohols :	70.0 %

10 Stability and Reactivity

- **Reactivity Not determined.** - · **Chemical Stability**
 - **Thermal decomposition/conditions to be avoided ::**
No decomposition if used as intended.
- **Possibility of dangerous reactions Fire hazard.**
- **Conditions to avoid No further important information available.**
- **Incompatible materials: This product reacts with strong oxidizing compounds · Hazardous decomposition products:**
Carbon monoxide and carbon dioxide
In case of decomposition: Carbon dioxide, carbon monoxide and trace of volatile halogen compounds.

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11 Toxicological Information

· **Information on Probable Routes of Exposure Inhalation and Skin and Eye Contact - Acute Toxicity:**

- **Toxicity numerical values**

· **Composants (Acute Toxicity Estimates)**

Oral	LD50	>	5000 mg/kg
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- Symptoms corresponding to the physical, chemical and toxicological characteristics - Inhalation:

Vapours may cause irritation to the respiratory tract. Inhalation of large amounts may produce discomfort, nausea, drowsiness, headache, dizziness and loss of consciousness.

- If on skin: This product is made to disinfect the skin. There are no restrictions to the use of this product. However, if there is a serious complication, please consult a doctor.

- Ingestion:

May cause gastrointestinal irritation, nausea, vomiting and/or headache.

- Sensitization: No known sensitizing effects.

- Delayed and immediate effects as well as chronic effects caused by short and long term exposure.

Prolonged or frequent contact with this product may cause eczema and inflammation of the skin resulting in a degreasing effect.

- Additional toxicological indications:

None		

12 Ecological Information

- Behaviour in environmental compartments:

- Bio accumulative potential No other important information available.

- Soil mobility No further relevant information available.

- Ecotoxicity No relevant information available. - General information: No water pollution known.

13 Disposal Consideration

· **Waste treatment methods – Recommendation :**

Not to be disposed of with household waste. Do not allow to enter sewers.

· **Uncleaned packaging:**

· **Recommendation:** Dispose of in accordance with legal regulations

· **Recommended cleaning agent : Water**

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14 Transport information

· DOT, IMDG, IATA	UN1987
· United Nations shipping name (UN 1987)	Si < 5 L : Limited Quantity
· ADR	Si > 5 L : UN 1987 Alcohols, N.O.S, (Ethyl Alcohol)
· Hazardous Class for transportation	Si < 5 L : Limited Quantity
· Class	Si > 5 L : Class 3 Flammable liquid
· Packing Group	
· DOT	III
· Hazardous for environment	
· Marine Pollutant:	No
- Transport in bulk in accordance with Annex II of the Marpol 73/78 Convention and in the Compendium of IBC	
Non applicable.	

15 Regulatory information

Nothing

16 Other informations

This information is based on the current state of our knowledge, but does not constitute a guarantee for the properties of the product and does not give rise to a contractual legal relationship.

· **Revision date** : 14.08.2020

· **Acronyms and abbreviations:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

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EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Flam. Liq. 3: Flammable liquids, Hazard Category 3
Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

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