

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product name: Hydro-alcoholic Hand Sanitizer Spray

NPN: 80098293

Product code: DSF72573

Product use: Hand Sanitizer

Company: Laboratoire Evogenics

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Ste-Julie, QC

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Phone: +1 (514) MON-EVOGenics (514-666-3864)

Emergency phone number: +1 (613) 996-6666 (CANUTEC)

2. HAZARD IDENTIFICATION

Product Classification

Skin corrosion / irritation (Category 2)

Serious eye damage / eye irritation (Category 2)

Sensitisation, skin (Category 1)

Specific target organ toxicity, single exposure (Category 3)

Pictogram



Warning statement

WARNING

Hazard Statement

- H226 Flammable Liquid and Vapour
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H335 May cause respiratory irritation.

Precautionary statement

- P210 Keep away from heat/sparks/open flames/hot surfaces. — No smoking
- P233 Keep container tightly closed
- P240 Ground/bond container and receiving equipment
- P241 Use explosion-proof electrical/ventilating/lighting/.../equipment
- P242 Use only non-sparking tools
- P243 Take precautionary measures against static discharge
- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264 Wash thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
- P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.



- P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312 Call a POISON CENTER or doctor/physician if you feel unwell
- P337 + P313 If eye irritation persists: Get medical advice/attention.
- P321 Specific treatment (see ... on this label).
- P332 + P313 If skin irritation occurs: Get medical advice/attention.
- P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.
- P362 Take off contaminated clothing and wash before reuse.
- P363 Wash contaminated clothing before reuse.
- P370 + P378 In case of fire: Use ... for extinction
- P403 + P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents/container to ...

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Concentration
Denatured Ethanol	64-17-5	70 – 80%

4. FIRST AID

General advice

See a doctor. Show this safety data sheet to the attending physician. Move away from the danger zone.

In case of inhalation

In case of inhalation, remove the person from the contaminated area to a ventilated area. In case of respiratory arrest, give artificial respiration. See a doctor.



In case of contact with the skin

Wash with soap and plenty of water.

Remove contaminated clothing.

See a doctor.

In case of eye contact

Immediately flush eyes with plenty of water for at least 20 minutes.

Remove contact lenses if the victim is wearing them and they can easily be removed.

If irritation persists, consult a doctor.

If swallowed

Never give anything by mouth to an unconscious person or who has convulsions.

Rinse mouth with water.

Do not induce vomiting.

See a doctor.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Spray water or use alcohol-resistant foam, dry powder or carbon dioxide.

Specific hazards of the hazardous product

Not Applicable.

Special protective equipment and special precautions for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.



6. ACCIDENTAL RELEASE MEASURES

Individual precautions

Use individual protective gear.

Avoid dust formation.

Avoid breathing vapors, spray mists or gases.

Provide adequate ventilation.

Avoid inhalation of dust.

Precautions for the protection of the environment

Do not let product enter drains.

Method and material for containment and cleaning

Pick up and evacuate without creating dust.

Sweep and shovel.

Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Do not eat, drink or smoke in the work area.

Wash hands after handling.

Avoid contact with skin and eyes.

Avoid formation of dust and aerosols.

Provide adequate ventilation where dust forms.

Handle away from sources of heat, ignition, open flames and sparks.



Safe storage conditions

Keep container tightly closed in a dry, well-ventilated place away from sources of heat and ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Individual protection equipment

Respiratory protection

In case of exposure nuisance, use a respirator with particle filter type P95 (US) or type P (EU EN 143).

For a higher level of protection, use type OV / AG / P99 (US) or type ABEK-P2 (EU EN 143) respirator cartridges.

Use equipment that has been tested and approved by standards such as NIOSH (US) or CEN (EU).

Hand protection

Handle with gloves.

Gloves must be inspected prior to use.

Use appropriate glove removal technique to prevent skin from coming into contact with the product
(ie without touching the outer surface of the glove).

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

Eye protection

Safety glasses with side shields in accordance with EN166 Use eye protection equipment that has been tested and approved in accordance with applicable government standards, such as NIOSH (US) or EN 166 (EU).



Skin and body protection

Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the working day.

Specific technical controls

Use mechanical ventilation or a chemical hood to avoid exposure

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Colorless liquid

pH Data not available

Fusion point Data not available

Freezing point Data not available

Boiling point 96°C

Flash point 41°C

Ignition temperature Data not available

Steam pressure Data not available

Density 0.905 g/mL

Water solubility Not soluble

Coefficient of sharing Data not available

Relative vapor density Data not available



Odour Data not available

Olfactory threshold Data not available

Evaporation rate Data not available

Refractive Index 1.3722nd

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions of use and storage.

Chemical stability

Stable under normal conditions of use and storage.

Possibility of hazardous reactions

Data not available

Conditions to avoid

Data not available

Materials to avoid

Strong oxidizers, strong bases.

Hazardous decomposition products

Hazardous decomposition products are formed under fire conditions. -Oxides of carbons

Other decomposition products - no data available

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50

> 5000 mg/kg

Inhalation LC50

>10000 mg/L



Dermal LD50
> 5000 mg/kg

Other information on acute toxicity

Data not available

Skin corrosion / irritation

Data not available

Serious eye damage / eye irritation

Data not available

Respiratory or skin sensitization

Data not available

Germ cell mutagenicity

Data not available

Carcinogenicity

IARC: No component of this product present at concentrations greater than or equal to 0.1% has been identified as probable, possible or confirmed human carcinogen by IARC.

Reproductive toxicity

Data not available

Specific target organ toxicity - single exposure (GHS)

Data not available

Specific target organ toxicity - repeated exposure (GHS)

Data not available

Aspiration hazard

Data not available



Potential health effects

- Inhalation: May be harmful by inhalation. Causes irritation of the respiratory system
- Ingestion: Dangerous product according to the RAD.
- Skin: May cause skin irritation.
- Eyes: May cause eye irritation.

Signs and symptoms of an exhibition

To the best of our knowledge, the chemical, physical and toxicological properties have not been fully investigated.

Synergistic effects

Data not available

12. ECOLOGICAL INFORMATION

Toxicity

Data not available

Persistence and degradability

Data not available

Potential for bioaccumulation

Data not available

Mobility in the soil

Data not available

PBT and vPvB assessment

Data not available



Other adverse effects

Data not available

13. DISPOSAL CONSIDERATIONS

Product

Return surplus and non-recyclable solutions to a licensed waste disposal company. Contact a specialized waste disposal company to dispose of this product.

Contaminated packaging

Dispose of as unused product

14. TRANSPORT INFORMATION

DOT (US)

UN 1987
Group III
Class 3

IMDG

UN 1987
Group III
Class 3

IATA

UN 1987
Group III
Class 3

15. REGULATORY INFORMATION

Hazardous Products Regulations SOR / 2015-17



16. OTHER INFORMATION

The above information may be based in part on information provided by component suppliers and is believed to be correct as of the date hereof. However, no warranty of merchantability, fitness for any use, or any other warranty is express or is to be implied regarding the accuracy of these data, the results to be obtained from the use of the material, or the hazards connected with such use. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar, and since data made available subsequent to the data hereof may suggest modification of the information, we assume no responsibility for the results of its use.

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