

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product name PURE HANDS – ANTIBACTERIAL GEL
Product Number NPN 80098887
Brand BIO ORIGIN
Product Use Antiseptic cleanser

MANUFACTURER

Company Name Mineral Origins Inc
Company Address 395 Du Parc, Suite 3
Saint-Eustache QC J7R 0A3

TELEPHONE (450) 491-1011

EMERGENCY PHONE (450) 479-6725

2. HAZARDS IDENTIFICATION

Emergency Overview

Target Organs

Eyes and Skin

GHS Classification

Flammable liquids : Category 3
Eye irritation : Category 2A

GHS Label elements, including precautionary statements

Pictogram



Signal word

WARNING

Hazard statement(s)

H319 Causes serious eye irritation.

Precautionary statement(s)

Prevention:

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

P233 Keep container tightly closed.

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

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/ eye protection/ face protection.

Response:

.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.

Storage:

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

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

HMIS Classification

Health hazard: 2
Flammability: 3
Physical hazards: 0

3.COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS #	% by mass
ETHANOL	64-17-5	70 %
TRIETHANOLAMINE	102-71-6	< 0.1%

4.FIRST AID MEASURES

General advice

In the case of accident or if you feel unwell, seek medical advice immediately.
When symptoms persist or in all cases of doubt seek medical advice.

If inhaled

. If inhaled, remove to fresh air.
Get medical attention if symptoms occur.

In case of skin contact

Wash with water and soap as a precaution.
Get medical attention if symptoms occur.

In case of eye contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes.
If easy to do, remove contact lens, if worn.
Get medical attention.

If swallowed

If swallowed, DO NOT induce vomiting.
Get medical attention if symptoms occur.
Rinse mouth thoroughly with water.

Most important symptoms and effects, both acute and delayed

Causes serious eye irritation.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Special protective equipment for firefighters

Use personal protective equipment.

Specific hazards during fire fighting

Fire Hazard Keep away from heat and sources of ignition. Flash back possible over considerable distance. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Hazardous combustion products

Carbon oxides

Specific extinguishing methods

Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. In the event of fire and/or explosion do not breathe fumes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Use individual protective gear. Provide adequate ventilation.
Remove all sources of ignition.
Evacuate the staff to safe place.
Keep people away from the spill / leak location and against the wind.
Material can create slippery conditions.

Environmental precautions

All spillage must be avoided into the environment. Avoid further spillage or leakage, if safe.
Retain and dispose of contaminated wash water.
Notify local authorities if significant leaks cannot be contained.

Methods and materials for containment and cleaning up

Use non-sparking tools. Remove with inert absorbent.
Reduce gases / vapors / mist using water spray.
Keep in suitable, closed containers for disposal.
Thoroughly clean the soil and contaminated objects, observing the environmental regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Personal protective equipment, see section 8. Keep away from heat.
Use with local exhaust ventilation. Avoid contact with eyes..

Conditions for safe storage

Take measures to avoid the accumulation of electrostatic charges.
Keep in properly labeled containers. Keep containers tightly closed in a dry, cool and well-ventilated place.
Store taking into account specific national legislation.

Storage temperature

0 °C to 35 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients	CAS-No.	Form of exposure	Permissible concentration	Basis
ETHANOL	64-17-5	TWA	1,000 ppm	ACGIH
		TWA	1,000 ppm 1,900 mg/m3	NIOSH REL
		TWA	1,000 ppm 1,900 mg/m3	OSHA Z1

Personal protective equipment

Respiratory protection

No personal respiratory protective equipment normally required.

Hand protection

No special protective equipment required.

Eye protection

Wear a face shield and protective clothing in case of problems during implementation

Skin and body protection

No special protective equipment required.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.
Avoid contact with eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form	GEL
Color	NO COLOR
pH	5.5 – 7.0
Melting point/freezing point	No data available
Boiling point	No data available
Flash point	25 °C
Ignition temperature	No data available
Auto-ignition temperature	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Density	0.875 g/mL
Water solubility	soluble
Partition coefficient: n-octanol/water	No data available
Relative vapour density	No data available
Odour	Grapefruit
Odour Threshold	No data available
Evaporation rate	No data available

10. STABILITY AND REACTIVITY

Chemical stability

Stable under normal conditions.

Possibility of hazardous reactions

Vapors can form an explosive mixture with air..

Conditions to avoid

Heat, flames and sparks.

Materials to avoid

Strong oxidants .Flammable solids Self-reactive substances and mixtures water reactive substances.

Hazardous decomposition products

Carbon oxides

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Oral LD50

Acute toxicity estimate : > 5,000 mg/kg

Inhalation LC50

LC50 (Rat): 124.7 mg / l

Duration of exposure: 4 h

Dermal LD50

LD50 (Rat): > 5,000 mg / kg

Other information on acute toxicity

no data available

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Causes serious eye irritation.

Respiratory or skin sensitisation

Skin sensitization: Not classified based on available information.

Respiratory sensitization: Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

Teratogenicity

no data available

Specific target organ toxicity - single exposure (Globally Harmonized System)

The substance or mixture is not classified as specific target organ toxicant, single exposure.

Specific target organ toxicity - repeated exposure (Globally Harmonized System)

no data available

Aspiration hazard

no data available

12.ECOLOGICAL INFORMATION

Toxicity

Harmful to aquatic life.

Persistence and degradability

Ingredients:

Ethanol: Biodegradability : Result: Readily biodegradable.
Biodegradation: 84 %

Bioaccumulative potential

Ingredients:

Ethanol: Partition coefficient: n-octanol/water : log Pow: -0.35

Mobility in soil

No data available

Other adverse effects

no data available

13.DISPOSAL CONSIDERATIONS

Product

Dispose of the product in accordance with local regulations in force.

Contaminated packaging

Dispose of as unused product.

Empty containers should be taken to an approved waste treatment site for recycling or disposal.

14. TRANSPORT INFORMATION

DOT (US)

UN number 1170
Description of the goods Ethanol solutions
Class 3
Packing group III
Environmentally hazardous no

IATA

UN/ID No. UN 1987
Proper shipping name
Alcohols, n.o.s.
Class 3
Packing group III
Labels Flammable Liquids

IMDG/IMO

UN number 1170
Description of the goods ETHANOL SOLUTION
Class 3
Packing group III
Marine pollutant no

15. REGULATORY INFORMATION

Cosmetic Regulations

This is a personal care product that is safe for consumers and other users under normal and reasonably foreseeable use. Natural Health Products specifically defined by regulations in Canada are exempt from the requirement of an SDS for the consumer. This SDS contains valuable information critical to the safe handling and proper use of the product for industrial workplace conditions as well as unusual and unintended exposures such as large spills. This SDS should be retained and available for employees and other users of this product.

16. OTHER INFORMATION

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Mineral Origins Inc shall not be held liable for any damage resulting from handling or from contact with the above product.

REVISION HISTORY

REVISION 0 – 2020-05-04 – Document Initiated