

SAFETY DATA SHEET

Revision #4

Product name: **CERTAINTY GEL**
Last revised date: 28 May 2018

1. SUBSTANCE AND SUPPLIER IDENTIFICATION

PRODUCT NAME: Certainty Gel
NPN: 80075206

MANUFACTURED FOR: Innocore Sales & Marketing Inc.
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PRODUCT USE: Antiseptic skin cleanser

USE OF SDS: **This is a personal care or natural health product that is safe for consumers and other users under normal and reasonably foreseeable use.** Consumer products and natural health products, specifically defined by Canadian regulations, are exempt from the requirement of an SDS for the consumer.
While this material is not considered hazardous, 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 exposure such as large spills. This SDS should be retained and available for employees and other users of the product. For specific intended-use guidance, please refer to the information provided on the package or instruction sheet.

2. HAZARD IDENTIFICATION (for industrial contact or cleaning large spills)

SIGNAL WORD: Warning

SYMBOLS:



GHS Classification:

Eye irritation: Category 2B
Skin irritation: Category 2
Flammable Liquid: Category 3

HAZARDS:

H226: Flammable liquid and vapour.
H320: Causes eye irritation.
H315: Causes skin irritation.

PRECAUTIONARY STATEMENTS (for industrial contact or cleaning large spills):

Prevention:

P264: Wash hands thoroughly after handling large quantities of product.
P280: Wear protective gloves when handling large quantities of product.
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
(Precautionary statements continued on next page)

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PRECAUTIONARY STATEMENTS: (Continued)

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

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

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 attention.

P302+P352: IF ON SKIN: Wash with plenty of water.

P362+P364: Take off contaminated clothing and wash it before reuse.

P332+P313: If skin irritation occurs: get medical attention.

P303+P361+P353: If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

P370+P378: In case of fire: Use suitable foam or dry media to extinguish.

Storage:

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

Disposal:

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

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT:	CAS No.	% wt	HAZARDS (GHS Category)
Denatured ethanol	64-17-5	70%	Flammable liquid (C 2) Acute oral toxicity (C 4) Eye irritation (C 2B) Skin irritation (C 2)
Proprietary	*Proprietary*	< 1%	Flammable Liquid (C 3) Acute inhalation toxicity (C 4) Acute oral toxicity (C 4) Skin corrosion (C 1A) Serious eye damage (C 1)
Proprietary	*Proprietary*	< 1%	Flammable Liquid (C 3) Skin irritation (C 2) Eye irritation (C 2) Sensitization (C 1) Aspiration (C 1)

4. FIRST AID MEASURES (for industrial contact or cleaning large spills)

EYES: Immediately flush eyes with water for at least 15 minutes, holding the eyelids open to ensure rinsing of the entire eye. Remove contact lenses, if worn, and continue rinsing. Seek medical attention if irritation persists.

SKIN: If large quantity is spilt, flush contaminated skin with plenty of water. Remove clothing and wash before reuse. If irritation occurs, seek medical attention.

INHALATION: If large quantities of vapours are inhaled, remove person to fresh air. Rest in a position which is comfortable for breathing.

INGESTION: Give person 1-2 glasses of water to dilute stomach contents. DO NOT INDUCE VOMITING. Seek medical attention. Bring product label when a physician is consulted.

Note: Never give anything by mouth to a person who is unconscious.

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5. FIREFIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Water spray, alcohol-resistant foam, dry chemical, carbon dioxide.

UNSUITABLE EXTINGUISHING MEDIA: High volume water jet.

SPECIFIC HAZARDS DURING FIRE FIGHTING: Do not use a solid water stream as it may scatter and spread fire.
Flash back possible over considerable distance.
Vapors may form explosive mixtures with air.
Exposure to combustion products may be a hazard to health.

HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides

SPECIFIC EXTINGUISHING METHODS:

Use extinguishing measures that are appropriate to local circumstances and the surrounding area.
Use water spray to cool unopened containers.
Remove undamaged containers from fire area if it is safe to do so.
Evacuate area.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Wear gloves while cleaning large spills. Contain spilled material. Provide adequate ventilation. Remove sources of heat, sparks, and flames. Spill should be collected in suitable containers or absorbed on a suitable absorbent material for subsequent disposal.

7. HANDLING AND STORAGE

HANDLING AND STORAGE: Keep away from heat, sparks, and flames in a cool well-ventilated area. Keep container closed when not in use. Avoid breathing vapours. Avoid contact with eyes. Take precautions to prevent static electricity build-up when transferring contents.

OTHER PRECAUTIONS: Good personal hygiene practices are suggested.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (for large quantities of product)

VENTILATION: Use adequate ventilation.
RESPIRATORY PROTECTION: Avoid breathing vapours. Use respirator where ventilation is inadequate.
EYE PROTECTION: Wear protective goggles.
SKIN PROTECTION: Wear protective gloves.

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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Semi-transparent, colorless
ODOUR: Characteristic mild ethanol odour
PHYSICAL STATE: Gel
PH: 6.5 - 7.8
BOILING POINT: 78°C
MELTING POINT: Not available
FREEZING POINT: Not available
SPECIFIC GRAVITY: 0.84 - 0.89
EVAPORATION RATE: 1.4
SOLUBILITY IN WATER: Soluble
VISCOSITY @ 22 ± 1°C: 4000 - 11000 cps
Flash point: 19.5°C

10. STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID (STABILITY): Sources of ignition.
INCOMPATIBILITY (MATERIAL TO AVOID): Oxidizing materials.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Burning can produce carbon monoxide and carbon dioxide, ammonia and nitrous oxides (small amounts).

11. TOXICOLOGICAL INFORMATION

DENATURED ETHANOL Oral rat LD50 7060 mg/kg
PROPRIETARY INGREDIENT Oral rat LD50 1500 mg/kg
Inhalation rat LD50 5.1 mg/L per 4 hours

12. ECOLOGICAL INFORMATION

Not available

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: According to state, federal, provincial, and local regulations. Recommended to flush product down drain and flush with water.

14. TRANSPORT INFORMATION

UN HAZARD CODE: UN #1170, Class 3, Packing Group II
DANGEROUS GOODS CLASSIFICATION: Category 5-C1, Substances giving off inflammable vapors with flash point below 23° C
TRANSPORT HAZARD CLASS: Not available

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15. REGULATORY INFORMATION

Note: Product is licensed for sale in Canada as a Natural Health Product, and thus is exempt from Hazardous Product Regulations. SDS is provided in case of large spills.

16. OTHER INFORMATION

Prepared for: Innocore Sales & Marketing Inc.

Disclaimer

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