



SAFETY DATA SHEET

FormoClean Gel Hand Sanitizer

1. Identification

Product identifier

Product name FormoClean Gel Hand Sanitizer

Product number USA

Recommended use of the chemical and restrictions on use

Application Hand Sanitizer

Details of the supplier of the safety data sheet

Supplier FormoClean
 A brand of Forge Products Inc
 1 - 17530 56A Ave.
 Surrey, BC V3S 1G3
 877.576.1376
 sales@forgeproducts.ca
 www.forgeproducts.ca

Emergency telephone number

Emergency telephone Chemtrec: 1 800 424 9300

2. Hazard(s) identification

Classification of the substance or mixture

Physical hazards Flam. Liq. 3 - H226

Health hazards Eye Irrit. 2B- H320 STOT SE 3 - H335

Environmental hazards Not Classified

Human health The liquid may be irritating to eyes, respiratory system and skin. Symptoms following overexposure may include the following: Headache. Dizziness. Nausea, vomiting.

Label elements

Hazard symbols



Signal word Warning

Hazard statements H226 Flammable liquid and vapor.
 H320 Causes eye irritation.
 H335 May cause respiratory irritation.

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Precautionary statements

P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.
 P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P370+P378 In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish. P403+P233 Store in a well-ventilated place. Keep container tightly closed.
 P501 Dispose of contents/ container in accordance with national regulations.

Contains

Ethanol, Glycerin

Other hazards

This product does not contain any substances classified as PBT or vPvB.

3. Composition/information on ingredients

Mixtures

Ethanol CAS number: 64-17-5	60-100%
Classification Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 Eye Irrit. 2B - H320 STOT SE 3 - H335	
Glycerin CAS number: 56-81-5	1-5%
Classification Not Classified	

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures

Description of first aid measures

General information	Remove affected person from source of contamination. Get medical attention if any discomfort continues.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Get medical attention.
Ingestion	Get medical attention immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Only remove contact lenses if the person is conscious, coherent and they can remove them themselves. If adhesive bonding occurs, do not force eyelids apart. Continue to rinse for at least 15 minutes. If in doubt, get medical attention promptly. Show this Safety Data Sheet to the medical personnel.

Most important symptoms and effects, both acute and delayed

Inhalation	May cause coughing and difficulties in breathing. May cause eye and respiratory system irritation. Overexposure may depress the central nervous system, causing dizziness and intoxication.
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Ingestion	Aspiration hazard if swallowed. May be fatal if swallowed and enters airways. Ingestion may cause severe irritation of the mouth, the esophagus and the gastrointestinal tract. May Cause the following effects: Gastrointestinal symptoms, including upset stomach. Nausea, vomiting. Central nervous system depression. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.
Skin contact	May be absorbed through the skin.
Eye contact	Causes serious eye irritation. Burns can occur. A single exposure may cause the following adverse effects: Pain. Conjunctivitis, irritation, tearing. Prolonged or repeated exposure may cause the following adverse effects: Irritation of eyes and mucous membranes. Prolonged contact causes serious eye and tissue damage.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media Extinguish with alcohol-resistant foam, carbon dioxide or dry powder.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

Special hazards arising from the substance or mixture

Specific hazards Containers can burst violently or explode when heated, due to excessive pressure build-up. Vapors are heavier than air and may spread near ground and travel a consider

Advice for firefighters

Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8. No smoking, sparks, flames or other sources of ignition near spillage

Environmental precautions

Environmental precautions Avoid discharge into drains. Contain spillage with sand, earth or other suitable non-combustible material

Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if possible without risk. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb in vermiculite, dry sand or earth and place into containers. Wash thoroughly after dealing with a

7. Handling and storage

Precautions for safe handling

Usage precautions Keep away from heat, sparks and open flame. Avoid inhalation of vapors. Container must be kept tightly closed when not in use. Avoid discharge into drains or watercourses or onto the ground.

Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from heat, sparks and open flame. Keep container tightly closed. Keep only in the original container.

Specific end uses(s)

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Specific end use(s) The identified uses for this product are detailed in section "1. Identification" under "Application".

8. Exposure controls/Personal protection

Control parameters

Occupational exposure limits

Ethanol

Long-term exposure limit (8-hour TWA): ACGIH 1000 ppm

ACGIH = American Conference of Governmental Industrial Hygienists.

Exposure controls

Appropriate engineering controls Avoid inhalation of vapors and spray/mists

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Gel.
Color	Clear
Odor	Eucalyptus
Melting point	-114°C/-173°F
Initial boiling point and range	78°C/172°F
Flash point	13°C/55°F Closed cup.
Upper/lower flammability or explosive limits	Upper flammable/explosive limit: 13.5 % Lower flammable/explosive limit: 2.5 %
Relative density	0.888

10. Stability and reactivity

Stability	Stable at normal ambient temperatures and when used as recommended.
Conditions to avoid	Avoid heat, flames and other sources of ignition.
Materials to avoid	Avoid contact with the following materials: Oxidizing agents. Oxidizing materials
Hazardous decomposition products	Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO ₂).

11. Toxicological information

Information on toxicological effects

Toxicological information on ingredients.

Ethanol

Acute toxicity - oral

Acute toxicity oral (LD₅₀ mg/kgSpecies) 7,060.0

Species Rat

Acute toxicity - inhalation

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Acute toxicity inhalation (LC ₅₀ vapours mg/l)	19,977.18
Species	Rat
Inhalation	May be harmful if inhaled. Causes respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Skin Contact	May be harmful in contact with skin. Causes skin irritation.
Eye contact	Causes eye irritation.

12. Ecological information

13. Disposal considerations

Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. Transport information

Air transport notes 1. 5L, 2. 60L

UN Number

UN No. (TDG) 1170 or Limited Quantity <5L

UN No. (IMDG) 1170 or Limited Quantity <5L

UN No. (ICAO) 1170 or Limited Quantity <5L

UN No. (DOT) 1170 or Limited Quantity <5L

UN proper shipping name

Proper shipping name (TDG) Ethyl Alcohol Solutions

Proper shipping name (IMDG) Ethyl Alcohol Solutions

Proper shipping name (ICAO) Ethyl Alcohol Solutions

Proper shipping name (DOT) Ethyl Alcohol Solutions

Transport hazard class(es)

TDG class 3

TDG label(s) 3

Transport labels



Packing group

Packing group (International) ||

ICAO packing group ||.

15. Regulatory information

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US Federal Regulations

SARA (311/312) Hazard Categories
Hazard

US State Regulations

Massachusetts "Right To Know" List
Present.

New Jersey "Right To Know" List
Present.

Pennsylvania "Right To Know" List
Present.

16. Other information

Revision date	6/9/2020
Revision	1
SDS No.	23330
Hazard statements in full	H225 Highly flammable liquid and vapor. H226 Flammable liquid and vapor. H315 Causes skin irritation. H320 Causes eye irritation. H335 May cause respiratory irritation.
ACA HMIS Health rating.	Moderate hazard. (2)
ACA HMIS Flammability rating.	Ignites easily. (3)
ACA HMIS Physical hazard rating.	Normally stable. (0)
ACA HMIS Personal protection rating.	B

DIRECTIONS FOR USE

PRODUCT LOGO

The information in this Safety Data Sheet (SDS) is believed to be correct as of the date issued. The manufacturer MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. Given the variety of factors that can affect the use and application of this product, many of which are solely within the user's knowledge and control, the user is responsible for determining whether the usage of this product is fit for a particular purpose and suitable for the user's method of use or application. It is essential that the user, not the manufacturer, evaluates this product to determine whether it is fit for a particular purpose and suitable for the user's method of use or application.