

Safety Data Sheet

Gel Hand Sanitizer

Date of issue: 03-February-2021 Revision date: 03-February-2021 Version: 1.0



Section 1 - Product and Company Identification

1.1 Product identifier

Product Name: Gel Hand Sanitizer
Product Code: 7611, 7617, 7619 and 7621

Product Details:

Product Type: Mixture
Physical State: Liquid
Other name of Identification/Synonyms Hand Sanitizer

1.2 Recommended use and restrictions on use

Relevant uses Hand Sanitizer Liquid, Disinfectant product
Uses advised against: For external use only.

1.3 Details of the supplier of the safety data sheet

Product Manufacturer/Supplier/ Seller:

Name: Globe Commercial Products Inc.
Address: 6300 Kennedy Road Unit#4, Mississauga, ON L5T 2X5, Canada
Email: order@globecommercialprodcuts.com
Tel: +1-877-789-0249

1.4 Emergency telephone number:

Emergency telephone number: CANUTEC, 1-888-CAN-UTEC (226-8832), 613-996-6666

Section 2 - Hazards Identification

2.1. Classification of the substance or mixture

Classification according to GHS

Flammable liquids, Category 2 H225
Eye irritation, Category 2 H319

2.2. Label elements

Labelling according to GHS

Hazard pictograms :



Signal word:

Danger

Hazardous ingredients:

Ethanol

Hazard statements:

H225-Highly flammable liquid and vapor
H319-Causes serious eye irritation

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 Do not spray on an open flame or other ignition source.
P260 Avoid breathing mist or vapors.
P262 Do not get in eyes or face.
P301 + P312 IF SWALLOWED: Call a POISON CENTER/doctor/physician. If you feel unwell.

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P304 + P340 IF INHALED: Remove person to fresh air and keep 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.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P410 + P412 Protect from direct sunlight. Do not expose to temperatures exceeding 50 °C/ 122°F.
P501 Dispose of contents/container to an approved landfill/ incineration plant/waste disposal plant.

2.3 Hazards not otherwise classified (HNOC)

None identified

Section 3 - Composition / Information on Ingredients

3.1. Substances: Not applicable

3.2. Mixtures:

Name	Product identifier	Concentration (%)	GHS Classification
Ethyl Alcohol (>95 %)	CAS No: 64-17-5	70.0 – 75.0	Flam. Liq. 2, H225 Eye Irrit. 2, H319
Water	CAS No: 7732-18-5	18-23	Not Classified
Carbomer	CAS No: 9007-20-9	1.5	Not Classified
Glycerol	CAS No: 56-81-5	0.5	Not Classified
2,2',2"-nitrilotriethanol	CAS No: 102-71-6	0.1	Not Classified
Others	NA	<0.05	Not Classified

* Full text of Hazard Statements: see section 16

Section 4 - First Aid Measures

4.1. Description of first aid measures

First-aid General:

You should contact your health care provider if you suspect that you have a medical problem. Show this safety data sheet to the doctor in attendance.

First-aid after inhalation:

No adverse effect observed under normal condition of use. Remove person to fresh air and keep comfortable for breathing. If symptoms persist, call a physician.

First-aid after skin contact:

No adverse effect observed under normal condition of use. If skin irritation or allergic reactions occur, discontinue use of product. Get medical advice/attention.

First-aid after eye contact:

Not likely to occur under normal condition of use. If accidentally on eyes, rinse gently with water for 15–20 minutes. If present, remove contact lenses. Call a poison control center or doctor for further treatment advice.

First-aid after swallowing:

Not likely to occur under normal condition of use. If accidentally swallow, get immediate medical advice/attention. If professional advice is not available, do not induce vomiting. Never give anything by mouth to an unconscious person.

4.2. Most important symptoms and effects:

Symptoms/effects after inhalation:

May cause drowsiness or dizziness

Symptoms/effects after skin contact:

None known

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Symptoms/effects after eye contact:
cause eye irritation.

Symptoms/effects after ingestion:
Harmful if swallowed. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

4.3. Immediate medical attention and special treatment if needed
Treat symptomatically.

Section 5 - Fire Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media:

Water Spray: Yes | Foam: Yes | Halon: Yes | Carbon Dioxide: Yes | Dry Chemical: Yes

Unsuitable extinguishing media: None.

5.2. Specific hazards developing from the chemical

Product is highly flammable liquid. In case of combustion or thermal decomposition carbon monoxide (CO), carbon dioxide (CO₂), unburned hydrocarbons (smoke) and other irritating gases and vapors may release.

5.3. Special protective equipment and precautions for firefighters

In case of fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Thermal decomposition can lead to release of irritating gases and vapors.

Fire-fighting equipment/instructions:

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. Move containers from fire area if you can do so without risk. No action shall be taken involving any personal risk or without suitable training.

Precautions for firefighters:

Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus (SCBA). Complete protective clothing. If protective equipment is not available or not used, fight fire from a protected location or safe distance.

Section 6 - Accidental Release Measures

6.1. Personal precautions, protective equipment and emergency procedures

General: Keep away from heat/sparks/open flames/hot surfaces-No smoking. KEEP OUT OF REACH OF CHILDREN. Avoid contact with eye or face.

For non-emergency personnel:

If accidentally occur protect from slipping if on floor. Use appropriate personal protection equipment (PPE). Keep unprotected persons away.

For emergency responders:

Evacuate unnecessary personnel. Call for the assistance of trained personnel as soon as conditions permit. See protective measures under Section 7 and 8.

6.2. Environmental precautions

Avoid release to the environment. Do not discharge plastics container into lakes, streams, ponds, or public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Soak up with inert absorbent material such as clay, sand or other suitable non-reactive material and place into a separate waste container. Clean surface thoroughly with suitable detergent and water.

Small Spills: Spilled product may produce a slippery surface. Move containers from spill area. Collect spillage.

6.4. Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

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Section 7 - Handling and Storage

7.1. Precautions for safe handling

Protective measures:

Handle in accordance with good industrial hygiene and safety procedures.

Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Keep respiratory protective device available.

Advice on general occupational hygiene:

Avoid contacting eyes and face. Keep container closed when not in use.

7.2. Conditions for safe storage, including any incompatibilities

Store in a well-ventilated and dry place at room temperature. Keep away from acids, oxidizing agent and ignition sources and direct sunlight. Keep away from food, drink and animal feeding dishes. KEEP OUT OF REACH OF CHILDREN. Keep container closed when not in use.

Storage Class (Classified according to DG): 3- Flammable liquid

7.3 Specific end use(s): Use as directed

Section 8 - Exposure Controls / Personal Protection

8.1. Control parameters:

Occupational exposure limits:

Ethanol	Local name	Value
NIOSH IDLH	TWA (8 hrs)	1000 mg/m ³
		1900 ppm
	STEL (15 mins)	Not available
		Not available
OSHA PEL	TWA (8 hrs)	1000 mg/m ³
		1900 ppm
	STEL (15 mins)	Not available
		Not available
ACGIH TLV	TWA (8 hrs)	Not available
		Not available
	STEL (15 mins)	Not available
		1000 ppm

* Google source OEL data

8.2 Exposure controls

Appropriate engineering controls:

Ensure exposure is below occupational exposure limits (where available). Use personal protective equipment to control the exposure (see section 8). Wash hands before breaks and at the end of workday.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Not necessary under normal conditions of use.

Hand protection recommended while manufacturing product.

Eye/face protection:

Not necessary under normal conditions of use.

Eye and face protection recommended at workplace while manufacturing product.

Skin and body protection:

Not necessary under normal conditions of use.

Skin protection recommended at workplace while manufacturing product.

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Respiratory protection:

Not necessary under normal conditions of use.

Respiratory protection recommended at workplace while manufacturing product.

Environmental exposure controls:

Prevent product from entering drains.

Collect spillage.

Section 9 - Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	:	Clear Gel
Physical state	:	Liquid (Gel)
Color	:	Clear
Odor	:	Alcohol like odor
pH	:	No Data Available
pH solution	:	No Data Available
Relative evaporation rate (ether=1)	:	No Data Available
Melting point	:	No Data Available
Freezing point	:	No Data Available
Boiling point	:	No Data Available
Flash point	:	20 - 25 °C
Auto-ignition temperature	:	No Data Available
Decomposition temperature	:	No Data Available
Vapor pressure	:	No Data Available
Relative density	:	No Data Available
Density	:	No Data Available
Solubility	:	Soluble in water
Viscosity, kinematic	:	No Data Available
Explosive properties:	:	Explosion Hazard
Lower explosive limit (LEL)	:	No Data Available
Upper explosive limit (UEL)	:	No Data Available
Flammability	:	Flammable

9.2 Other information

VOC content	:	No Data Available
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Section 10 - Stability and Reactivity

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Heat, flames and sparks, high temperature and direct sunlight.

10.5 Incompatible materials

Oxidizing agents, strong acids, and bases.

10.6 Hazardous decomposition products

This product does not decompose under normal conditions. Under fire conditions, carbon monoxide (CO), carbon dioxide (CO₂), unburned hydrocarbons (smoke) and other irritating gases and vapors may release.

Section 11 - Toxicological Information

11.1. Information on toxicological effects

Acute toxicity (oral): Not classified.

Acute toxicity (dermal): Not classified.

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Acute toxicity (inhalation): Not classified.

Toxicology data for the components/mixture

Ethanol	Acute toxicity value
LD50 oral	10,470 mg/kg (rat)
LC50 inhalation	124.7 mg/l (rat, 4h)

Skin corrosion/irritation: Not classified.

Serious eye damage/irritation: Causes eye irritation

Respiratory or skin sensitization: Not classified.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive toxicity: Not classified.

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified.

Aspiration hazard: Not classified.

Section 12 - Ecological Information

12.1 Toxicity

Acute aquatic toxicity: Not classified.

Chronic aquatic toxicity: Not classified.

Ecotoxicity data for the components/mixture

Ethanol	Ecotoxicity value
LC50, fish	15,300 mg/l (96 h)
EC50 / LC50, invertebrates	5,012 mg/l (48 h)
ErC50, algae	275 mg/l (72 h)

12.2 Persistence and degradability

Non persistence and Degradable

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

Section 13 - Disposal Considerations

13.1. Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

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Contaminated packaging

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Section 14 - Transport Information

14.1 UN number:	UN1993
14.2 UN proper shipping name:	FLAMMABLE LIQUID, N.O.S. (Ethanol)
14.3 Transport hazard class(es) Label Pictogram	3 
14.4 Packaging group:	II
14.5 Environmental hazards:	No
14.6 Special precautions for user:	Keep away from heat and flame

Section 15 - Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

OSHA-Regulations: This safety datasheet complies with the requirements of OSHA HCS (29 CFR 1910.1200(g))

WHMIS classification for product:

See section 2 details

U.S. Federal Regulations:

SARA 313 Components:

This product is not known to contain SARA 313 Components

SARA 311/312 Hazard Categories

Physical Hazard	Health Hazard
Flammable (liquids)	Caused eye irritation

TSCA Components:

All components of this product are listed or are exempt from listing on the Toxic Substances Control Act.

California Proposition 65 components:

This product is not known to contain any Proposition 65 chemicals at or above threshold limit.

Section 16 - Other Information

Full text of H- and EUH-statements:

H225-Highly flammable liquid and vapor
H319-Causes serious eye irritation

Abbreviations and acronyms:

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
DNEL	Derived no-effect level
EC	Identification code for each substance listed in EINECS
EC50	Concentration of a substance when it is affected 50% of the population
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union

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IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
LC50	Lethal concentration, 50 percent
LD50	Lethal dose, 50 percent
IC50	Concentration causing 50% blockade
LOAEC	Lowest observed adverse effect concentration
LOAEL	Lowest observed adverse effect level
NOAEC	No observed adverse effect concentration
NOAEL	No observed adverse effect level
NOEC	No observed effect concentration
NOEL	No observed effect level
OEL	Occupational Exposure Limits
PNEC	Predicted no-effect concentration
PBT	Persistent, Bioaccumulative and Toxic
vPvB	Very Persistent and very Bioaccumulative
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	United Nations; Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
WGK	Water Hazard Class
CWA	Clean Air Act
SARA	Superfund Amendments and Reauthorization Act
CAA	Clean Air Act
STOT RE	Specific Target Organ Toxicity - Repeated Exposure
STOT SE	Specific Target Organ Toxicity - Single Exposure
log Kow	Octanol-water partition coefficient

Statement:

The information in this safety data sheet is to the best of our current knowledge true and accurate. It does not represent any guarantee of the properties, data, instructions, recommendations and/or suggestions of the product.

The Employer and User should make their own responsibility for investigations to determine the suitability of the information for their particular purposes. The Company and its Affiliates shall not be held liable for any damage resulting from handling or from contact with the above product.

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