

# SAFETY DATA SHEET

Product Name: Hand Sanitizer Gel

Review Date: 21 July 2020

## 1 - Identification of the chemical and supplier

**PRODUCT NAME:** Hand Sanitizer Gel

**APPLICATIONS:** For Stock No. 31187 ANTIBACTIAL HAND GEL 500ML

**SUPPLIER:** Draper Tools Ltd

Hursley Road  
Chandlers Ford  
Eastleigh  
Hampshire  
SO53 1YF

Draper Helpline +44 (0) 2380 494344  
Opening hours 8:30-17:00 Monday – Friday.

## 2 - Hazards Identification

### Hazards Classification

In accordance with Regulation (EC) No.1272/2008(CLP), the sample is divided into the following hazard category.

**Physical hazard** : Highly flammable liquid and vapour, category 2, H225

**Health hazard** : Not classified as a health hazard class.

**Environment hazard** : Not classified as a environment hazard class.

### Label elements

The product does not need to be labelled in accordance with Regulation (EC) No.1272/2008(CLP).

### Other hazards

Not available data.

**Invasion route** : Eyes touch, Ingestion

**Health hazards** : No know significant effects or critical hazard to environment.

**Environment hazards** : No know significant effects or critical hazard to environment.

- Burn & burst danger** : Flammable liquid
- Precautionary Statement Prevention** : 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.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.
- Precautionary Statement Response** : P370+P378: In case of fire:Use ... for extinction.  
P303+P361+P353: IF ON SKIN (or hair):Remove/Take off immediately all contaminated clothing.Rinse skin with water/shower.
- Precautionary Statement Storage** : P403+P235: Store in a well-ventilated place.Keep cool.
- Precautionary Statement Storage** : P501: Dispose of contents/container to ...

### 3 - Composition / Information on Ingredients

Substance/preparation: preparation				
Component/ Substance	Molecular Formula	Percent of Content	CAS Number	EINECS Number
Alcohol	C <sub>2</sub> H <sub>6</sub> O	75%	64-17-5	200-578-6
Water	H <sub>2</sub> O	12%	7732-18-5	231-791-2
Xanthan Gum	(C <sub>35</sub> H <sub>49</sub> O <sub>29</sub> ) <sub>n</sub>	3%	11138-66-2	234-394-2
Activated silver ion colloid	--	5%	--	--
Hydrogen Peroxide	H <sub>2</sub> O <sub>2</sub>	5%	7722-84-1	231-765-0

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#### 4 - First Aid Measures

- General advice** : Consult a physician. Show this safety data sheet to the doctor in attendance.
- After eye contact** : Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice/attention.
- After ingestion** : If swallowed, rinse mouth. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, immediately call a POISON CENTER or doctor/physician.
- Most important symptoms and effects, both acute and delayed** : No known symptoms or effects.
- Indication of any immediate medical attention and special treatment needed** : Treatment according to symptoms, no known specific medicine.

#### 5 - Fire Fighting Measures

- Suitable Fire Extinguishing Media** : Anti foaming foam, dry powder, carbon dioxide and sand.
- Special Remarks On Fire Hazards** : The sample is flammable. The smoke of combustion may cause apnea, irritation.
- Special Fire Fighting Procedures** : As soon as possible, remove the goods from fire to open place. For small fires, use dry chemical, carbon dioxide, water spray or alcohol-resistant foam. For large fires, Standing on the windward, Use water spray to cool fire-exposed containers.
- Combustion Products** : Carbon monoxide, carbon dioxide, nitrogen oxides and other unidentified product.
- Protective Equipment** : The staff must equipped with filter mask(full mask) or isolated breathing apparatus. The staff must wear the clothes which can defend the fire.
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## 6 - Accidental Release Measures

- Personal precautions, protective equipment and emergency procedures** : Use personal protective equipment. Avoid breathing dust, smoke, vapours, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas.
- Measures for environment protection** : Collect leaking, avoid environmental pollution, and prevent from spreading or entering into sewers, surface water and groundwater.
- Methods and materials for containment and cleaning up** : Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.
- Additional information** : Prevent birds or fish feeding by the drainage system, must be completely recycled.

## 7 - Handling and Storage

- Precautions for safe handling** : Avoid formation of dust and aerosols. Avoid contact with skin and eyes. Operating personnel must train specially and follow close to the line of operating instruction.  
Avoid accumulate dust.  
Wear suitable protective clothing, gloves and eye/face protection.
- Conditions for safe storage, including any incompatibilities** : Packing require seal.  
Keep container tightly closed in a cool, well-ventilated place.  
Keep away from sources of ignition - No smoking.  
Keep separate with the oxidizing agent.  
Equip with relevant type and quantities of the extinguishment instruments.  
Keep the sample as a easy identification.
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## 8 - Exposure Controls / Personal Protection

<b>Maximum admissible concentration</b>	:	No standard yet
<b>Monitoring Method</b>	:	No available data.
<b>Engineering Control</b>	:	Equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits
<b>Eye Protection</b>	:	Wear suitable chemical safety goggles.
<b>Other Protection</b>	:	No smoking, dining and drinking water in the workplace. Keep good habit of hygiene. Shower and change clothes after work.

## 9 - Physical and Chemical Properties

<b>Appearance</b>	:	Gel	<b>Odor</b>	:	Ethanol
<b>Color</b>	:	Transparent	<b>pH</b>	:	No available data.
<b>Melting Point</b>	:	No available data.	<b>Density</b>	:	No available data.
<b>Boiling point(°C)</b>	:	78°C	<b>Flashing Point</b>	:	No available data.
<b>Explosion Upper Limits</b>	:	No available data.	<b>Explosion Lower Limits</b>	:	No available data.
<b>Ignition temperature(°C)</b>	:	30°C	<b>Decomposition temperature</b>	:	No available data.
<b>Solubility</b>	:	Soluble in water			

## 10 - Stability and Reactivity

<b>Stability</b>	: Stable under normal temperature and pressure
<b>Conditions To Avoid</b>	: Avoid fire, elevated temperatures, direct sunlight.
<b>Possibility of hazard reactions</b>	: No available data
<b>Incompatible materials</b>	: Incompatible with acids, oxidizing agents, sulphur compounds, hydrogen gas, oxygen, Methanol, organic solvents, aluminium, fluorine, basis etc.
<b>Hazardous Decomposition Products</b>	: Carbon monoxide, irritating and toxic fumes and gases, carbon dioxide.

## 11 - Toxicological Information

<b>Acute Toxicity</b>	: No available data.
<b>Skin corrosion/irritation</b>	: No available data.
<b>Serious eye damage/eye irritation</b>	: No available data.
<b>Respiratory or skin Sensitization</b>	: No available data.
<b>Germ cell mutagenicity</b>	: No available data.
<b>Carcinogenicity</b>	: IARC: No ingredients at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>Reproductive toxicity</b>	: No available data.
<b>Specific target organ toxicity-single exposure</b>	: No available data.
<b>Specific target organ toxicity-repeated exposure</b>	: No available data.
<b>Aspiration hazard</b>	: No available data.
<b>Potential invasion route</b>	: Eye contact : May cause irritation. : Ingestion : If swallows, may cause discomfort, and effect people's digestive system.

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## 12 - Ecological Information

<b>Toxicity</b>	:	No available data.
<b>Persistence and degradability</b>	:	No available data.
<b>Bioaccumulative potential</b>	:	No available data.
<b>Mobility in soil</b>	:	No available data.
<b>Other adverse effects</b>	:	It might cause pollution when released large-scale to the air, water.

## 13 - Disposal Considerations

<b>Nature of waste</b>	:	This product is not regarded as hazardous waste.
<b>Waste disposal methods</b>	:	Offer surplus and non-recyclable solutions to a licensed disposal company. Refer to National or Local regulations before handling.
<b>Attention abandoned</b>	:	Avoid abandon to the water.

## 14 - Transport Information

### Transport Attentions:

The products restrict the use of own steel tanker shipment when railway transport, submit to relevant departments for approval. The transport vehicles should be equipped with the appropriate variety and quantity of fire control equipment and emergency equipment for leakage. In summer, best transport in morning or evening. Transport tank should have grounding chain, the inner of tank should have baffle hole plate to reduce static electricity. Ban mixed operation with antioxidants, acid, alkali metal and amine. Prevent insoluble, rain and heat in transit. Keep away from fire, heat and high temperature when stopover. Exhaust pipes of transport vehicle must be equipped with fire retardant equipment. Ban load and unload with mechanical equipments and tools that easy to produce the spark. According to prescribed routes when road transport. Do not stay in residential area and densely populated area. Ban humping when railway transport. Ban bulk transport use wooden boats, concrete boats.

Please refer to section 7-HANDLING AND STORAGE also, and requirements of the IATA/ICAO/PG.

**Maritime transport IMDG**

IMDG Code : Not hazardous goods  
UN-Number : 1170  
Packing group : No available data.  
Proper shipping name : No available data.

Packaging Mark : 

Danger grade mark : 2  
Packaging Method : ETHANOL SOLUTION.

**Land transport ADR/RID(cross-border)**

Hazard class : Not hazardous goods  
UN-Number : 1170.  
Packing group : No available data.  
Proper shipping name : No available data.

Packaging Mark : 

Danger grade mark : 2  
Packaging Method : ETHANOL SOLUTION.

**Air transport ICAO-TI and IATA-DGR**

ICAO-TI-II class : Not hazardous goods  
UN/ID Number : 1170.  
Packing group : No available data.  
Proper shipping name : No available data.

Packaging Mark : 

Danger grade mark : 2  
Packaging Method : ETHANOL SOLUTION.

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## 15 - Regulatory Information

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

German regulations concerning the classification of hazard for water(WGK)	: Not listed
Substance of Very High Concern (SVHC) according to Regulation (EC) No. 1907/2006 (REACH)	: Not listed
The conditions of restrictions according to Regulation (EC) No. 1907/2006 (REACH) Article 67 and Annex XVII for the manufacturing, placing on the market and use must be observed	: Not listed
Regulation (EC) No. 1907/2006 (REACH) Annex XVII (requiring Authorisation for use)	: Not listed
Regulation (EC) No. 1907/2006 (REACH)-Pre-registered substance.	: Not listed
Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer	: Not listed
Regulation (EC) No 649/2012 concerning the export and import of dangerous chemicals, Annex I	: Not listed
ELINECS(European List of Notified Chemical Substances)	: Not listed
<b>Chemical Safety Assessment</b>	: No available data.

## 16 - Other Information

### Abbreviations and acronyms:

ADR	: European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS	: Chemical Abstracts Service
CLP	: Classification Packaging and Labelling
EC	: European Commission
EINECS	: The European Inventory of Existing Commercial Chemical Substances
IARC	: International Agency for Research on Cancer
IATA	: International Air Transport Association
ICAO	: International Civil Aviation Organization
IMDG	: International Maritime Dangerous Goods

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RID : Regulations Relating to International Carriage of Dangerous Goods by Rail

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