

SAFETY DATA SHEET ACCORDING TO REGULATION (EC) No 1907/2006 REACH

ANTI-BACTERIAL AQUEOUS/ALCOHOL HAND GEL

DATE OF ISSUE - 19th February 2020

SECTION 1 – Identification of the substance/mixture and of the Company/undertaking

1.1 Product identifier

1.2 Trade name – Hangenic Anti-bacterial hand gel

1.3 Relevant identified uses of the substance

1.4 Cleansing the hands

1.3 Details of the supplier of the safety data sheet

Manufacturer – McCallum Manufacturing Ltd

6A-E, Redbrook Business park, Wilthorpe Rd, Barnsley, S75 1JN

Telephone No 01226 248348

Competent person responsible for the safety data sheet

Iain McCallum email iain@mccallum.uk.net

1.4 Emergency telephone number – not available

SECTION 2 – Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/ESC

The mixture is classified as dangerous

Flammable liquid: F; R11

Irritant: Xi, R36

Sensitising: R43

Classification according to Regulation EC No 1272/2008

The mixture is classified as dangerous

Flamm. Liq. 2; H225 (Flammable liquid)

Skin Sens; 1; H317 (Skin sensitiser)

Eye Irrit. 2; H319 (Serious eye irritant)

The most important adverse physicochemical, human health and environmental effects

Highly flammable liquid and vapour. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. Will cause intoxication if ingested.

2.2 Label elements

Label according to Regulation EC No 1272/2008

Flammable (Red Flame symbol)

Other hazard (Exclamation mark)

H statements

H226 flammable liquid and vapour

H317 may cause an allergic skin reaction

H319 causes serious eye irritation

H336 may cause drowsiness or dizziness

P statements

P210 keep away from heat/sparks/open flames/hot surfaces, no smoking

P305 and P351 and P338 if in eyes, rinse cautiously with water for several minutes, remove contact lenses if present and easy to do so. Continue rinsing

P333 and P313 if skin irritation or rash occurs get medical advice/attention

P501 dispose of contents/container to local/national regulations

SECTION 3 – composition/information on ingredients

3.1 Mixtures

Name of agent	CAS No	Classn, 67/548/EEC	Classn. 1272/2008	Conc. %w/w
Ethanol	64-17-5	F, Xi, R11, R36, R37	Flamm liquid 2 H225	60-80
Non-hazardous ingredients				balance

SECTION 4 – First aid measures

4.1 Description of first aid measures

After inhalation

Immediately interrupt exposure. Move victim into fresh air. Keep victim warm and resting. If there are respiratory problems consult a doctor or seek medical attention

After skin contact

In case of allergic reaction wash with plenty of lukewarm water. Get medical attention if discomfort continues

After eye contact

Remove any contact lenses. Immediately flush eyes with plenty of water for 10 – 15 minutes, occasionally lift the upper and lower eyelids. Do not apply neutralising agents. Get medical attention

After ingestion

Rinse mouth with water. Do not induce vomiting which may cause complications (inhalation into the respiratory tract and lungs) Give a glass of water to drink. Get medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed**After inhalation**

Possible respiratory irritation, cough and headache

After skin contact

An allergic reaction may occur with painful redness and irritation

After eye contact

Causes severe eye irritation

After ingestion

Intoxication and nausea

4.3 Indication of any immediate medical attention and special treatment needed

In case of medical problems or if in doubt get medical attention immediately and show label. If victim is unconscious leave him in the recovery position. Never induce vomiting in an unconscious person.

SECTION 5 – FIRE FIGHTING MEASURES**5.1 Suitable extinguishing media**

Carbon dioxide, dry powder, water spray, alcohol resistant foam

5.2 Special hazards

Flammable liquid and vapour and may form flammable mixtures with air. Avoid all ignition sources, eg pilot lights, sparks etc. Do not smoke when using this product. Hazardous decomposition products

formed under fire conditions - Carbon Dioxide, Carbon Monoxide and other gases. Exposure may cause a health hazard.

5.3 Advice for firefighters

The mixture is flammable. Self-contained breathing apparatus must be worn with protective clothing in case of fire. Closed containers exposed to fire should be cooled with water.

SECTION 6 – Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Eliminate sources of ignition and ventilate the area. Do not breathe vapour or mist. Wear protective equipment, keep unprotected persons away

6.2 Environmental precautions

Do not allow product to reach sewage system or water courses. If large seepage to drains occurs inform respective authorities

6.3 Methods for containment and cleaning up

Stop leaking if possible. Contain and collect spillage with earth or sand and place in container for disposal according to local regulations (see section 13). Flush contaminated areas with plenty of water. Do not use solvents.

SECTION 7 – Handling and storage

7.1 Precautions for safe handling

Store and use away from heat, sparks or flame. Keep out of direct sunlight. Avoid breathing vapour or mist. Do not get in eyes. Use protective equipment.

7.2 Conditions for safe storage

Store in original container away from direct sunlight in a cool, dry ventilated area. Keep away from food, drink and animal feedstuffs. Storage class 3A flammable liquids (flash point below 55 deg C)
Bottle volume 100ml plastic bottle, material PET.

7.3 Specific end use

Ensure manufacturers information is available for the identified use.

SECTION 8 – Exposure controls

8.1 Exposure controls

Provide adequate ventilation and/or use exhaust ventilation to control airborne levels below recommended exposure limits. If this cannot be met, the appropriate respiratory protection must be

used. Do not eat, drink or smoke when handling. After work and before breaks wash hands thoroughly.

Respiratory protection

Not required in normal use

Skin protection

Not required in normal use. For prolonged contact with the product it is recommended that suitable protective gloves be used and/or a protective barrier cream

Eye/face protection

Safety goggles should be worn

Environmental exposure controls

See section 6.2

SECTION 9 – Physical and chemical properties

9.1 Basic physical and chemical properties

Appearance	clear thickened gel
Colour	colourless
Odour	typical alcoholic
Flash point	13 deg. C
pH	6.5 – 7.5
SG	0.89 – 0.90
Viscosity	5,000 – 10,000 Cps (Brookfield sp 6 @ 20 rpm)
Solubility	soluble in water

SECTION 10 – stability and reactivity

10.1 Reactivity

Undefined

10.2 Chemical stability

Mixture is stable at ambient temperatures

10.3 Possibility of hazardous reactions

None foreseen

10.4 Conditions to avoid

Mixture does not react dangerously with other substances

10.5 Incompatible materials

Keep away from acids and alkalis

10.6 Hazardous decomposition products

In case of fire, the gases carbon monoxide and carbon dioxide will be released

SECTION 11 – Toxicological information

11.1 Information on toxicological effects

No data available for this mixture

Irritation

Causes severe eye irritation

Corrosivity

The mixture is not considered corrosive

Sensitisation

The mixture may cause an allergic skin reaction in some people

Repeated dose toxicity

The mixture does not require classification

Carcinogenicity

The mixture does not require classification

Mutagenicity

The mixture does not require classification

Reproductive toxicity

The mixture does not require classification

SECTION 12 – Ecological information

12.1 Toxicity

No ecotoxicological data available on this mixture but not expected to be toxic to aquatic life forms

12.2 Persistence and degradability

No data available, but no problems foreseen

12.3 Bioaccumulative potential

No data available but no problems foreseen

12.4 Mobility in soil

No data available but no problems foreseen

12.5 PBT (Persistent, bioaccumulative and toxic) and vPvB (very persistent and very bioaccumulative) assessment

The mixture does not contain PBT or vPvB substances

12.6 Other adverse effects

No data available but no other problems foreseen

SECTION 13 – Disposal considerations

13.1 Recycle containers or dispose of waste in compliance with local/national regulations. Product residue and empty containers should be disposed of like hazardous waste.

Code of the waste - 150110 packaging containing residues of dangerous substances

Code of packaging waste – 150102 plastic packaging

SECTION 14 – Transport information

14.1 UN Number

UN 1993

14.2 UN proper shipping name

Flammable liquid NOS ethanol

14.3 Transport hazard

3 (Flammable liquids)

14.4 Packing group

Packing group II

14.5 Environmental hazards

No data available

14.6 Special precautions

Not defined

Transport in bulk according to Annex 11 of Marpol 73/78 and the IBC code

Not defined

SECTION 15 – Regulatory information

Safety assessment

A CPSR (Cosmetic Product Safety Report) has been carried out on this mixture and is available on request

The msds contains information on health and safety protection at work and environmental protection and is in compliance with current knowledge, laws and regulations. The supplier is not responsible for any damage that may be caused by improper use of the mixture. Modifications to the msds are prohibited.

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