



SAFETY DATA SHEET according to Regulation (EU) 2015/830

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Antibacterial Hand Gel - No Fragrance

Revision 6

Revision date 2019-11-01

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

| | |
|--------------|---------------------------------------|
| Product name | Antibacterial Hand Gel - No Fragrance |
| Product code | QAFS340 |

1.2. Relevant identified uses of the substance or mixture and uses advised against

| | |
|-------------|---|
| Product Use | [SU21] Consumer uses: Private households (= general public = consumers); ----- [SU22] Professional uses: Public domain (administration, education, entertainment, services, craftsmen); |
| Description | A carefully formulated hand sanitising gel, especially useful when there is no water available. |

1.3. Details of the supplier of the safety data sheet

| | |
|---------------------------------------|---|
| Company | Superfine Manufacturing Ltd |
| Address | Orchardbank Industrial Estate Forfar Angus Scotland DD8 1TD |
| Web | www.superfine.co.uk |
| Telephone | Tel: 01307 463538 |
| Fax | Fax: 01307 468505 |
| Email | nigel@superfine.co.uk |
| Email address of the competent person | nigel@superfine.co.uk |

1.4. Emergency telephone number

| | |
|----------------------------|--|
| Emergency telephone number | 01307 463538 8.30am to 17.00pm National Poisons Information Service: For medical advice or information you should contact your GP or NHS 111 (or NHS 24 in Scotland) on 111 (for 24 hour health advice) If you are a healthcare professional with an enquiry please visit www.TOXBASE.org |
|----------------------------|--|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| | |
|--------------------------------------|---|
| 2.1.2. Classification - EC 1272/2008 | Flam. Liq. 3: H226; Eye Irrit. 2: H319; |
|--------------------------------------|---|


2.2. Label elements

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2.2. Label elements

| | |
|-------------------------------------|--|
| Hazard pictograms |  |
| Signal Word | Warning |
| Hazard Statement | Flam. Liq. 3: H226 - Flammable liquid and vapour. Eye Irrit. 2: H319 - Causes serious eye irritation. |
| Precautionary Statement: Prevention | P102 - Keep out of reach of children. P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| Precautionary Statement: 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 advice/attention. |
| Precautionary Statement: Storage | P403+P235 - Store in a well-ventilated place. Keep cool. |
| Precautionary Statement: Disposal | P501 - Dispose of contents/container to an approved disposal site, in accordance with local regulations. |

2.3. Other hazards

| | |
|---------------|---|
| Other hazards | This mixture is not classified as PBT or vPvB according to current EU criteria. |
|---------------|---|

SECTION 3: Composition/information on ingredients

3.2. Mixtures

EC 1272/2008

| Chemical Name | Index No. | CAS No. | EC No. | REACH Registration Number | Conc. (%w/w) | Classification |
|----------------------------------|--------------|----------|-----------|---------------------------|--------------|--|
| Glycerol (Glycerol, mist) | | 56-81-5 | 200-289-5 | | 1 - 10% | |
| Ethanol: Ethyl Alcohol (Ethanol) | | 64-17-5 | 200-578-6 | 01-2119457610-43 | 60 - 70% | Flam. Liq. 2: H225; Eye Irrit. 2: H319; |
| cyclohexane | 601-017-00-1 | 110-82-7 | 203-806-2 | | 0 - 0.5% | Flam. Liq. 2: H225; Asp. Tox. 1: H304; Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; |

Further information

| | |
|--------------------|---|
| Product Shelf Life | RECOMMENDED SHELF LIFE 1 YEAR FROM DATE OF DELIVERY. |
| Active Ingredients | Ingredients Antibacterial Hand Gel No Fragrance - Denatured Alcohol, Aqua, Glycerin, Carbomer, Triethanolamine. |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|--------------|---|
| Inhalation | Move the exposed person to fresh air. |
| Eye contact | Rinse immediately with plenty of water. Contact lenses should be removed. |
| Skin contact | Remove contaminated clothing. Wash with water and soap as a precaution. |
| Ingestion | DO NOT INDUCE VOMITING. Rinse mouth thoroughly. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|--------------|--|
| Inhalation | High concentration of vapour in enclosed space may cause irritation, headaches and nausea. May cause irritation to respiratory system. |
| Eye contact | Irritating to eyes. |
| Skin contact | May cause skin dryness and irritation. Prolonged contact may cause defatting of the skin. |

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4.2. Most important symptoms and effects, both acute and delayed

| | |
|-----------|---|
| Ingestion | May cause irritation to mucous membranes. |
|-----------|---|

4.3. Indication of any immediate medical attention and special treatment needed

| | |
|--------------|---|
| Inhalation | TREAT SYMPTOMATICALLY. Move the exposed person to fresh air. Seek medical attention if irritation or symptoms persist. |
| Eye contact | Contact lenses should be removed. Rinse immediately with plenty of water. Seek medical attention if irritation or symptoms persist. |
| Skin contact | Seek medical attention if irritation or symptoms persist. |
| Ingestion | Drink 1 to 2 glasses of water. Seek medical attention if irritation or symptoms persist. |

General information

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| | If you feel unwell, seek medical advice (show the label where possible). Treat symptomatically. |
|--|---|

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
|--|---|
| | Flammable liquid. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
|--|---|

5.2. Special hazards arising from the substance or mixture

| | |
|--|---|
| | Burning produces irritating, toxic and obnoxious fumes. |
|--|---|

5.3. Advice for firefighters

| | |
|--|---|
| | Wear suitable respiratory equipment when necessary. |
|--|---|

Further information

| | |
|--|---|
| | In the event of a fire and/or explosion do not breath fumes. Standard procedure for chemical fires. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. |
|--|---|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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| | Wear suitable protective equipment. Flammable liquid. Avoid sparks, flames, heat and sources of ignition. |
|--|---|

6.2. Environmental precautions

| | |
|--|---|
| | Advise local authorities if large spills cannot be contained. |
|--|---|

6.3. Methods and material for containment and cleaning up

| | |
|--|--|
| | Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Avoid sparks, flames, heat and sources of ignition. |
|--|--|

6.4. Reference to other sections

| | |
|--|--|
| | See section 2, 7, 8, 13 for further information. |
|--|--|

SECTION 7: Handling and storage

7.1. Precautions for safe handling

| | |
|--|---|
| | Adopt best Manual Handling considerations when handling, carrying and dispensing. |
|--|---|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|--|---|
| | Flammable liquid. Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light. Store in a well-ventilated place. Keep cool. Store in original container. Keep container tightly closed. Keep away from combustible material. Keep out of the reach of children. |
|--|---|

7.3. Specific end use(s)

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

Suitable packaging

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Suitable packaging

Plastic containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure controls.

8.1.1. Exposure Limit Values

| | | |
|----------------------------------|--|--|
| cyclohexane | WEL 8-hr limit ppm: 100 | WEL 8-hr limit mg/m3: 350 |
| | WEL 15 min limit ppm: 300 | WEL 15 min limit mg/m3: 1050 |
| | WEL 8-hr limit mg/m3 total - inhalable dust: | WEL 15 min limit mg/m3 total - inhalable dust: |
| | WEL 8-hr limit mg/m3 total - respirable dust: | WEL 15 min limit mg/m3 total - respirable dust: |
| Ethanol: Ethyl Alcohol (Ethanol) | WEL 8-hr limit ppm: 1000 | WEL 8-hr limit mg/m3: 1920 |
| | WEL 15 min limit ppm: - | WEL 15 min limit mg/m3: - |
| | WEL 8-hr limit mg/m3 total - inhalable dust: | WEL 15 min limit mg/m3 total - inhalable dust: |
| | WEL 8-hr limit mg/m3 total - respirable dust: | WEL 15 min limit mg/m3 total - respirable dust: |
| Glycerol (Glycerol, mist) | WEL 8-hr limit ppm: - | WEL 8-hr limit mg/m3: 10 |
| | WEL 15 min limit ppm: - | WEL 15 min limit mg/m3: - |
| | WEL 8-hr limit mg/m3 total - inhalable dust: | WEL 15 min limit mg/m3 total - inhalable dust: |
| | WEL 8-hr limit mg/m3 total - respirable dust: | WEL 15 min limit mg/m3 total - respirable dust: |

DNEL: Derived no-effect level.

Exposure Pattern - Workers

| | | | |
|------------------------|---|------------------------|---|
| Ethanol: Ethyl Alcohol | Long-term - inhalation - Systemic effects | 950 mg/m ³ | |
| | Long-term - inhalation - Local effects | 1900 mg/m ³ | Long-term - dermal - Systemic effects 343 mg/kg |

Exposure Pattern - General population

| | | | |
|------------------------|---|-----------------------|---|
| Ethanol: Ethyl Alcohol | Long-term - inhalation - Systemic effects | 114 mg/m ³ | |
| | Long-term - inhalation - Local effects | 950 mg/m ³ | Long-term - dermal - Systemic effects 206 mg/kg |
| | Long-term - oral - Systemic effects | 87 mg/kg | |

8.2. Exposure controls

| | |
|---|--|
| | Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice. Use appropriate personal protective equipment. Wear suitable protective clothing and eye/face protection. |
| 8.2.1. Appropriate engineering controls | Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective threshold limit value. Ensure eyewash stations and safety showers are close to the workstation location. |
| Eye / face protection | Avoid contact with eyes. If splashes are likely to occur, wear: safety glasses with side-shields. |
| Skin protection - Handprotection | Rubber gloves. |
| Respiratory protection | No personal respiratory protective equipment normally required. In case of insufficient ventilation |

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8.2. Exposure controls

| | |
|--|---|
| 8.2.3. Environmental exposure controls | wear suitable respiratory equipment. |
| | Prevent further leakage or spillage if safe to do so. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------|------------------------------|
| Appearance | Gel |
| Colour | Clear |
| Odour | Alcoholic |
| pH | 6.5 - 7.9 |
| Flash point | 23 °C |
| Relative density | 0.85 - 0.9 g/cm ³ |
| Partition coefficient | No data available |
| Autoignition temperature | No data available |
| Explosive properties | No data available |
| Oxidising properties | No data available |
| Evaporation rate | No data available |
| Flammability (solid, gas) | No data available |
| Vapour pressure | No data available |
| Vapour density | No data available |
| Melting point | No data available |
| Initial boiling point | No data available |
| Odour threshold | No data available |
| Viscosity | < 50000 centipoise |
| Solubility | Soluble in water |

9.2. Other information

| | |
|----------------------------------|-------------------|
| Conductivity | No data available |
| Surface tension | No data available |
| Gas group | No data available |
| VOC (Volatile organic compounds) | No data available |
| Benzene Content | Not applicable. |
| Lead content | Not applicable. |

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|--|---|
| | Flammable liquid. Stable under normal conditions. |
|--|---|

10.2. Chemical stability

| | |
|--|---|
| | Flammable liquid. Stable under normal conditions. |
|--|---|

10.3. Possibility of hazardous reactions

| | |
|--|--|
| | Oxidising agents. Combustible materials. |
|--|--|

10.4. Conditions to avoid

| | |
|--|--|
| | Avoid sparks, flames, heat and sources of ignition. Avoid storing in direct Sun Light. |
|--|--|

10.5. Incompatible materials

| | |
|--|-------------------|
| | Oxidising agents. |
|--|-------------------|

10.6. Hazardous decomposition products

| | |
|--|--|
| | No Hazardous decomposition products when stored and handled correctly. Burning produces irritating, toxic and obnoxious fumes. |
|--|--|

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SECTION 11: Toxicological information**11.1. Information on toxicological effects**

| | |
|-----------------------------------|---|
| Acute toxicity | This mixture has not been tested as a whole for health effects. The health effects have been calculated using the methods outlined in Regulation (EC) No 1272/2008 (CLP). |
| Skin corrosion/irritation | based on available data the classification criteria are not met. |
| Serious eye damage/irritation | Eye Irrit. 2: H319 - Causes serious eye irritation. |
| Respiratory or skin sensitisation | based on available data the classification criteria are not met. |
| Germ cell mutagenicity | based on available data the classification criteria are not met. |
| Carcinogenicity | based on available data the classification criteria are not met. |
| Reproductive toxicity | based on available data the classification criteria are not met. |
| STOT-single exposure | based on available data the classification criteria are not met. |
| STOT-repeated exposure | based on available data the classification criteria are not met. |
| Aspiration hazard | based on available data the classification criteria are not met. |

11.1.2. Mixtures

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

11.1.3. Hazard Information

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

11.1.4. Toxicological Information

| | | |
|------------------------|--|---------------------------------|
| Ethanol: Ethyl Alcohol | Oral Rat LD50: >2000 mg/kg Inhalation Rat LC50/4 h: 20 mg/l | Dermal Rabbit LD50: >2000 mg/kg |
|------------------------|--|---------------------------------|

SECTION 12: Ecological information**12.1. Toxicity**

| | |
|--|-------------------|
| | No data available |
|--|-------------------|

| | |
|------------------------|--|
| Ethanol: Ethyl Alcohol | NOEC / EC10 for marine or freshwater organisms 9.6000 mg/l |
|------------------------|--|

12.2. Persistence and degradability

| | |
|--|--|
| | Substance biodegrades at a moderate rate and inherently biodegradable according to the OECD guide lines. |
|--|--|

12.3. Bioaccumulative potential

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

Partition coefficient

| | | |
|--|---|------------------------------------|
| | Antibacterial Hand Gel - No Fragrance No data available | Ethanol: Ethyl Alcohol -0.35 log P |
|--|---|------------------------------------|

12.4. Mobility in soil

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

12.5. Results of PBT and vPvB assessment

| | |
|--|---------------------------------------|
| | No data is available on this product. |
|--|---------------------------------------|

12.6. Other adverse effects

| | |
|--|--------------------|
| | No data available. |
|--|--------------------|

SECTION 13: Disposal considerations

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13.1. Waste treatment methods

| | |
|--|--|
| | Dispose of waste and residues in accordance with local authority requirements. |
|--|--|

General information

| | |
|--|--|
| | Dispose of in compliance with all local and national requirements. |
|--|--|

Disposal of packaging

| | |
|--|---|
| | Do NOT reuse empty containers. Empty containers can be sent to landfill after cleaning, if in compliance with local and national regulations. |
|--|---|

SECTION 14: Transport information

Hazard pictograms

| | |
|--|---|
| |  |
|--|---|

14.1. UN number

| | |
|--|--------|
| | UN1170 |
|--|--------|

14.2. UN proper shipping name

| | |
|--|------------------------|
| | ETHYL ALCOHOL SOLUTION |
|--|------------------------|

14.3. Transport hazard class(es)

| | |
|-----------------|---|
| ADR/RID | 3 |
| Subsidiary risk | - |
| IMDG | 3 |
| Subsidiary risk | - |
| IATA | 3 |
| Subsidiary risk | - |

14.4. Packing group

| | |
|---------------|-----|
| Packing group | III |
|---------------|-----|

14.5. Environmental hazards

| | |
|-----------------------|----|
| Environmental hazards | No |
| Marine pollutant | No |

14.6. Special precautions for user

| | |
|--|------------------------------------|
| | No additional special precautions. |
|--|------------------------------------|

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

| | |
|--|-----------------|
| | Not applicable. |
|--|-----------------|

ADR/RID

| | |
|-----------------|-------|
| Hazard ID | 30 |
| Tunnel Category | (D/E) |

IMDG

| | |
|----------|---------|
| EmS Code | F-E S-D |
|----------|---------|

IATA

| | |
|---------------------------------|-------|
| Packing Instruction (Cargo) | 366 |
| Maximum quantity | 220 L |
| Packing Instruction (Passenger) | 355 |
| Maximum quantity | 60 L |

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SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

| | |
|--------------------|--|
| Regulations | <p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> |
|--------------------|--|

15.2. Chemical safety assessment

| | |
|--|---------------------------|
| | No information available. |
|--|---------------------------|

SECTION 16: Other information**Other information**

| | |
|---|---|
| Data sources | <p>Classification and Procedure used to derive the classification for mixtures according to Regulation (EC) No. 1272/2008:</p> <p>Flam. Liq. 3: H226 - Flammable liquid and vapour. - Flash Point - 23 degC.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation. - Calculation Method.</p> |
| Text of Hazard Statements in Section 3 | <p>Flam. Liq. 2: H225 - Highly flammable liquid and vapour.</p> <p>Eye Irrit. 2: H319 - Causes serious eye irritation.</p> <p>Asp. Tox. 1: H304 - May be fatal if swallowed and enters airways.</p> <p>Skin Irrit. 2: H315 - Causes skin irritation.</p> <p>STOT SE 3: H336 - May cause drowsiness or dizziness.</p> <p>Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.</p> |

Further information

| | |
|--|---|
| | <p>The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.</p> |
|--|---|