

Alcohol Hand Sanitiser- Safety Data Sheet

According to Regulation (EU) 2015/830

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

1.1. Product identifier

| | |
|----------------------|------------------------|
| Product Name: | Alcohol Hand Sanitiser |
| Product Code: | 432066 |

1.3. Details of the supplier of the safety data sheet


| | | |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Supplier: | T.I Midwood & Co. Ltd TIMCO House Green Lane Wardle Nantwich CW5 6BJ T.I Midwood & Co. Ltd Emergency Help Line: 01865 407333 (24 hour service) | Aviemore House Hill Street Monahan Ireland |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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|---------------------------------------------|---------------------|
| 2.1.2. Classification - EC 1272/2008 | Flam. Liq. 3: H226; |
|---------------------------------------------|---------------------|

2.2. Label elements

| | |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard pictograms |  |
| Signal Word | Warning |
| Hazard Statement | Flam. Liq. 3: H226 - Flammable liquid and vapour. |
| Precautionary Statement: Prevention | P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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. |

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2.2. Label elements

| | |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautionary Statement: Response | P243 - Take precautionary measures against static discharge. P280 - Wear protective gloves/protective clothing/eye protection/face protection. |
| Precautionary Statement: Storage | P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P370+P378 - In case of fire: Use carbon dioxide (CO2) to extinguish. |
| Precautionary Statement: Disposal | P403+P235 - Store in a well-ventilated place. Keep cool. P501 - Dispose of contents/container to an appropriate waste site or reclaim (in accordance with local/regional/national/international regulation). |

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 |
|---------------------------|--------------|---------|-----------|---------------------------|--------------|----------------------------------------------------------|
| Ethanol | 603-002-00-5 | 64-17-5 | 200-578-6 | | 40 - 50% | Flam. Liq. 2: H225; |
| Isopropanol (Propan-2-ol) | 603-117-00-0 | 67-63-0 | 200-661-7 | | 1 - 10% | Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; |

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye contact | May cause irritation to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. |
| Skin contact | No irritation expected. |
| Ingestion | May cause irritation to mucous membranes. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist. |

SECTION 5: Firefighting measures

5.1. Extinguishing media

| | |
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| | Use extinguishing media appropriate to the surrounding fire conditions. |
|--|-------------------------------------------------------------------------|

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. |
|--|-----------------------------------------------------|

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

| | |
|--|--------------------------------------------------|
| | Ensure adequate ventilation of the working area. |
|--|--------------------------------------------------|

6.2. Environmental precautions

| | |
|--|-------------------------------------------------------------------------|
| | Do not allow product to enter drains. Prevent further spillage if safe. |
|--|-------------------------------------------------------------------------|

6.3. Methods and material for containment and cleaning up

| | |
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| | Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water. |
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

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|--|-----------------------------------------------------------------------------------|
| | Adopt best Manual Handling considerations when handling, carrying and dispensing. |
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7.2. Conditions for safe storage, including any incompatibilities

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7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Exposure Limit Values

| | | |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ethanol | WEL 8-hr limit ppm: 1000 WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: - | WEL 8-hr limit mg/m3: 1920 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: - |
| Ethanolamine (2-Aminoethanol) | WEL 8-hr limit ppm: 1 WEL 15 min limit ppm: 3 WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: - | WEL 8-hr limit mg/m3: 2.5 WEL 15 min limit mg/m3: 7.6 WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: - |
| Glycerol (Glycerol, mist) | WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: - | WEL 8-hr limit mg/m3: 10 WEL 15 min limit mg/m3: - WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: - |
| Isopropanol (Propan-2-ol) | WEL 8-hr limit ppm: 400 WEL 15 min limit ppm: 500 WEL 8-hr limit mg/m3 total inhalable dust: - WEL 8-hr limit mg/m3 total respirable dust: - | WEL 8-hr limit mg/m3: 999 WEL 15 min limit mg/m3: 1250 WEL 15 min limit mg/m3 total inhalable dust: - WEL 15 min limit mg/m3 total respirable dust: - |

8.2. Exposure controls

| | |
|-----------------------------------------|-----------------------------------------------------------------------------------|
| 8.2.1. Appropriate engineering controls | Ensure adequate ventilation of the working area. |
| 8.2.2. Individual protection measures | Adopt best Manual Handling considerations when handling, carrying and dispensing. |
| Eye / face protection | In case of splashing, wear: Approved safety goggles. |
| Skin protection - Handprotection | No precautions required to be mentioned. |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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9.1. Information on basic physical and chemical properties

| | |
|----------------------------------|-------------------|
| Appearance | Gel |
| Colour | Colourless |
| Odour | Alcoholic |
| pH | 7.0+/-0.5 |
| Melting point | Not determined |
| Initial boiling point | Not determined |
| Flash point | > 28.5 |
| Evaporation rate | Not determined |
| Flammability (solid, gas) | Not determined |
| Vapour pressure | Not determined |
| Vapour density | Not determined |
| Relative density | 0.9 |
| Partition coefficient | No data available |
| Autoignition temperature | Not determined |
| Viscosity | Not determined |
| Explosive properties | Not determined |
| Oxidising properties | Not determined |

9.2. Other information

| | |
|-----------------------------------------|-------------------|
| Conductivity | No data available |
| Surface tension | No data available |
| Softening point | Not determined |
| Pour point | Not determined |
| Sublimation Point | Not determined |
| Gas group | Not determined |
| Benzene Content | Not applicable. |
| Lead content | Not applicable. |
| VOC (Volatile organic compounds) | Not determined |

Water solubility

| | |
|--|----------------------------|
| | Slightly soluble in water. |
|--|----------------------------|

SECTION 10: Stability and reactivity

10.1. Reactivity

| | |
|--|------------------------------------|
| | Do NOT mix with any other product. |
|--|------------------------------------|

10.2. Chemical stability

| | |
|--|---------------------------------|
| | Stable under normal conditions. |
|--|---------------------------------|

10.3. Possibility of hazardous reactions

| | |
|--|-----------------------------------------------------|
| | Avoid sparks, flames, heat and sources of ignition. |
|--|-----------------------------------------------------|

10.4. Conditions to avoid

| | |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Do NOT allow to freeze. Protect from frost. Keep away from heat. Keep away from sources of ignition - No smoking. Keep in a cool, dry, well ventilated area. |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------|

10.5. Incompatible materials

| | |
|--|-----------------------------------------------------|
| | Avoid sparks, flames, heat and sources of ignition. |
|--|-----------------------------------------------------|

10.6. Hazardous decomposition products

| | |
|--|--------------------------------------------------------------------------------------------------------|
| | Burning produces obnoxious and irritating fumes. Will not decompose if stored and used as recommended. |
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------------|--------------------------------------------------------------------------------------------------------|
| Acute toxicity | No Significant Hazard. May cause irritation to respiratory system. |
| Skin corrosion/irritation | May cause degreasing of the skin. |
| Serious eye damage/irritation | Only Irritating if splashed into the eyes. |
| Respiratory or skin sensitisation | No Significant Hazard. May cause sensitisation by inhalation. May cause sensitisation by skin contact. |
| Germ cell mutagenicity | No data is available on this product. |
| Carcinogenicity | No data is available on this product. |
| Reproductive toxicity | No data is available on this product. |

11.1.2. Mixtures

| | |
|--|------------------------------------|
| | Do NOT mix with any other product. |
|--|------------------------------------|

11.1.3. Hazard Information

| | |
|--|----------------------------------|
| | No known adverse health effects. |
|--|----------------------------------|

11.1.4. Toxicological Information

| | |
|--|----------------------------------|
| | No data available |
| | No known adverse health effects. |

SECTION 12: Ecological information

12.1. Toxicity

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

12.2. Persistence and degradability

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

12.3. Bioaccumulative potential

Partition coefficient

| | |
|--|--------------------------------|
| | ICE COOL GEL No data available |
|--|--------------------------------|

12.4. Mobility in soil

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

SECTION 13: Disposal considerations

General information

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

Disposal methods


| | |
|--|------------------------------------------------------------------------------------------------------------------------------------|
| | For small quantities: Flush down the drain with plenty of water. Dispose of in compliance with all local and national regulations. |
|--|------------------------------------------------------------------------------------------------------------------------------------|

Disposal of packaging

| | |
|--|----------------------------------------------------------------------------------|
| | Containers can be recycled if in compliance with local and national regulations. |
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SECTION 14: Transport information

Hazard pictograms

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

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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 |

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 |

SECTION 15: Regulatory information

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

| | |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Regulations | 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. 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. |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

SECTION 16: Other information

Other information

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|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Revision | This document differs from the previous version in the following areas: 2 - Precautionary Statement: Response. 2 - Precautionary Statement: Disposal. 10 - 10.4. Conditions to avoid. |
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Other information

| | |
|-----------------------------------------------|----------------------------------------------------------|
| | 14 - ADR/RID. |
| Text of Hazard Statements in Section 3 | Flam. Liq. 2: H225 - Highly flammable liquid and vapour. |

Further information

| | |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <p>As the application of products is outside our control, the information is given without legal responsibility. Customers should test under their own conditions to ensure the products are suitable for their own requirements. 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> |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|