

SAFETY DATA SHEET

ALCA 50/ALCA500/ ALCA5L – ATLANTOL ALCOHOL HAND GEL


SECTION 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

according to 1907/2006/EC, Article 31

| | | | | | |
|------------------------------|---|--------------|---------------------------------|---------|---|
| 1.1 Product Name | Atlantol Alcohol Gel | | | | |
| 1.2 Other Names | CLINITEX HAND SANITISING GEL | | | | |
| SDS No | | Rev Date: | 14 TH September 2015 | Rev No: | 3 |
| 1.3 Application | SU22) professional uses: Public domain (administration, education, entertainment, services, craftsmen); (PC39) Cosmetics, personal care products. | | | | |
| 1.4 Supplier | Andway Healthcare Ltd Atlantis House, Manse Lane Knaresborough HG5 8LF sales@andwayhealthcare.org.uk | | | | |
| 1.5 Emergency Contact Number | 01423 331000 (Hours of Operation – 07.00 to 17:00 Monday to Friday) | | | | |

SECTION 2. HAZARD IDENTIFICATION

Classification (1999/45/EEC)

| | |
|--------------------|--|
| 2.1 Classification | R10 Symbols Flammable Flam. Liq.3: H226 |
| 2.2 Labelling | Warning Flam. Liq. 3: H226-Flammable liquid and vapour. P102-Keep out of the reach of children. |
| |  Flammable |

Classification (EC1272/2008)

| | |
|--------------------------|---|
| 2.1 Signal Word | Warning |
| 2.1 Classification | P102-Keep out of the reach of children. |
| Hazard Statements | Flam. Liq. 3: H226-Flammable liquid and vapour. |
| Precautionary Statements | P102-Keep out of the reach of children. P103-Read label before use. P210- Keep away from heat/sparks/open flames/hot surfaces – no smoking. |

| | |
|-------------------|---|
| | <p>P233-Keep container tightly closed.</p> <p>P101-If medical advice is needed, have product container or label at hand.</p> <p>P301+P312-if swallowed: Call a POISON CENTRE or doctor/physician if you feel unwell.</p> <p>P305+P351+P338-IF IN EUES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P370+P235-In case of fire: use for extinction.</p> <p>P403+P235-Store in a well-ventilated place. Keep Cool.</p> <p>P501-Dispose of contents/container to a licenced waste disposal company in compliance with local and national regulations.</p> |
| Prevention | <p>P103-Read label before use.</p> <p>P210- Keep away from heat/sparks/open flames/hot surfaces – no smoking.</p> <p>P233-Keep container tightly closed.</p> |
| 2.2 Labelling | |
| 2.3 Other Hazards | This product does not contain any PBT or VPvB substances. |

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture

67/548/EEC/1999/45/EC

| Chemical Name | Index No | CAS No | EC No | Reach Registration No. | Conc (%w/w) | Classification |
|---|--------------|------------|-----------|------------------------|-------------|-------------------------------------|
| Ethanol | 603-002-00-5 | 64-17-5 | 200-578-6 | | | |
| Glycerol (Glycerol, mist) | | 56-81-5 | 200-289-5 | | | |
| Cyclohexane | 601-017-00-1 | 110-82-7 | 203-806-2 | | | F;R11 Xn: R65 Xi; R38 R67 N; R50/53 |
| Chlorhexidine digluconate | | 18472-51-0 | 242-354-0 | | | Xi; R36/38 N; R50 |
| Propane-1,2-diol (Propane-1,2-diol total vapour and particulates) | | 57-55-6 | 200-338-0 | | | |
| 2-Methylpropan-2-ol | 603-005-00-1 | 75-65-0 | 200-889-7 | | | F; R11 Xn; R20 Xi: R36/37 |

EC 1272/2008

| Chemical Name | Index No | CAS No | EC No | Reach Registration No. | Conc (%w/w) | Classification |
|---------------------------|--------------|----------|-----------|------------------------|-------------|---|
| Ethanol | 603-002-00-5 | 64-17-5 | 200-578-6 | | | Flam. Liq. 2: H225. |
| Glycerol (Glycerol, mist) | | 56-81-5 | 200-289-5 | | | |
| Cyclohexane | 601-017-00-1 | 110-82-7 | 203-806-2 | | | Flam. Liq. 2.: H225; Asp. Tox: H304;Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Acute 1:H400; Aquatic Chronic 1: H410 |



| | | | |
|--|---|-----------|--|
| Chlorhexidine digluconate | 18472-51-0 | 242-354-0 | Skin Irrit. 2: H315; Eye Irrit. 2: H319; Aquatic Acute 1: H400 |
| Porpane-1,2-diol (Propane-1,2-diol total vapour and particulates) | 57-55-6 | 200-889-7 | |
| 2-Methylpropan-2-ol | | | Flam. Liq. 2: H225; Acute Tox. 4 H332; Eye Irrit. 2: H319;STOT SE 3: H335: |
| Further Information | INCI : Alcohol denat, Aqua, Glycerin, Carbomer, Chlorhexidine digluconate., Propylene glycol, Aminomethyl propanol. | | |

SECTION 4. FIRST-AID MEASURES

4.1 Description of First Aid Measures

| | |
|--------------|---|
| Inhalation | Considered to be not hazardous by inhalation. Seek medical attention if irritation or symptoms persist. |
| Ingestion | Rinse mouth thoroughly. DO NOT INDUCE VOMITING. Seek medical attention if irritation or symptoms persist. |
| Skin Contact | No irritation expected. Seek medical attention if irritation or symptoms persist. |
| Eye Contact | Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist. |

4.2 Most Important Symptoms and effects, both acute and delayed

| | |
|---------------------|---|
| General Information | Symptoms described are dependent upon the concentration and exposure time |
| Inhalation | No specific symptoms noted |
| Ingestion | No specific symptoms noted. |
| Skin Contact | May cause irritation to skin. |
| Eye Contact | May cause irritation to eyes. |

4.3 Most important symptoms and effects both immediate and delayed

| | |
|--|--|
| | If you feel unwell seek medical advice (show the label where possible) no specific first aid measures noted. |
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SECTION 5. FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media Use:

Alcohol resistant foam. Carbon dioxide (CO2) Use extinguishing media appropriate to the surrounding fire conditions.

-  Hygiene & Catering
-  Care Equipment
-  Care Home Furniture
-  Servicing & Repairs
-  Nursing Consumables



5.2 Specific Hazard arising from the chemical

Vapour may travel to source of ignition and flash back.

5.3 Special protective actions for fire fighters

Protective equipment. Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, protective equipment and emergency procedures

Personal precautions: Avoid contact with eyes. Surfaces contaminated with the product will become slippery.

6.2 Environmental Precautions

Environmental precautions: Do not allow product to enter drains. Do not flush into surface water.

6.3 Methods and material for containment and clean up

Absorb with inert absorbent material. Transfer to suitable labelled container for disposal. Clean spillage area thoroughly with plenty of water.

For waste disposable see section 13.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid sparks, flame, heat and sources of ignition. Vapour may travel to source of ignition and flash back. Avoid contact with eyes. Do not eat drink or smoke in areas where this product is used or stored. Adopt best manual handling considerations when handling, carrying or dispensing.

7.2 Conditions for safe Storage, including incompatibilities

Keep out of the reach of children. Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Do NOT allow to freeze.

7.3 Specific end use(s)

Restricted to professional users.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

| | | |
|-----------------------|---|---|
| 2-Methylpropanan-2-ol | WEL 8-hr limit ppm: 100 WEL 15min limit ppm: 150 | WEL 8-hr limit mg/m ³ : 308 WEL 15min limit mg/m ³ : 462 |
| Cyclohexane | WEL 8-hr limit ppm: 100 WEL 15min limit ppm: 300 | WEL 8-hr limit mg/m ³ : 350 WEL |

- Hygiene & Catering
- Care Equipment
- Care Home Furniture
- Servicing & Repairs
- Nursing Consumables



| | | |
|---|--|---|
| | | 15min limit mg/m ³ : 1050 |
| Ethanol | WEL 8-hr limit ppm: 1000 WEL 15min limit ppm: | WEL 8-hr limit mg/m ³ : 1920 WEL 15min limit mg/m ³ : |
| Glycerol(glycerol, mist) | WEL 8-hr limit ppm: WEL 15min limit ppm: | WEL 8-hr limit mg/m ³ : 10 WEL 15min limit mg/m ³ : |
| Propane-1,2-Diol (Propane-1,2-Diol particulates) | WEL 8-hr limit ppm: WEL 15min limit ppm: | WEL 8-hr limit mg/m ³ : 10 WEL 15min limit mg/m ³ : |
| Propane-1,2-Diol (Propane-1,2-Diol total vapour and particulates) | WEL 8-hr limit ppm: 150 WEL 15min limit ppm: | WEL 8-hr limit mg/m ³ : 474 WEL 15min limit mg/m ³ : |

WEL= Workplace Exposure Limit

8.2 Appropriate engineering controls

Keep in a cool, dry, well ventilated area. Keep away from heat/sparks/open flames/ hot surfaces. No smoking. Keep containers tightly closed.

8.2.2 Individual protection measures Eye/Face protection

In case if splashing wear approved goggles. Provide eye wash station.

8.2.3 Environmental Exposure controls

Do not empty into drains. Do not flush into surface water.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

| | |
|-------------------|--------------------------------|
| This Product is a | |
| Appearance | Liquid |
| Colour | Colourless |
| Odour | |
| Oxidising | Non-oxidising (by EC criteria) |

-  Hygiene & Catering
-  Care Equipment
-  Care Home Furniture
-  Servicing & Repairs
-  Nursing Consumables



| | |
|---|---------------|
| Soluble Solubility in water: | Soluble |
| Viscosity | Viscous |
| PH | 8.5 |
| Flash point°C: | 270C |
| Respiratory protection: Respiratory protection not required. | Not required. |

9.2 Other information

N/A

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Avoid sparks, flames, heat and source of ignition.

10.2 Chemical stability

Stable under normal conditions. Will not decompose if stored and used as recommended.

10.3 Possibility of hazardous reactions

Strong acids and strong bases. Strong oxidising agents.

10.4 Conditions to avoid

Heat, sparks and open flames. Do NOT allow to freeze.

10.5 Incompatible materials

Strong acids and strong bases. Strong oxidising agents.

10.6 Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Respiratory or skin sensitisation: Based on available data the classification criteria are not met.

Based on available data the classification criteria are not met.

May cause irritation to eyes

Based on available data the classification criteria are not met.

-  Hygiene & Catering
-  Care Equipment
-  Care Home Furniture
-  Servicing & Repairs
-  Nursing Consumables



Germ cell mutagenicity Carcinogenicity Acute toxicity: No mutagenic effects reported. No carcinogenic effects reported.

No classified as a specific target organ toxicant after repeated exposure.

Skin corrosion/irritation: Based on available data the classification criteria are not met.

Serious eye damage/irritation: Not classified as a specific target organ toxicant after a single exposure.

Reproductive toxicity: No teratogenic effects reported.

Toxicity values: No data available

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available.

12.2 Persistence and degradability

Persistence and degradability: The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3 Bioaccumulation Potential

No bioaccumulation potential.

12.4 Mobility in soil

Mobile in soil.

12.5 Results of PBT and vPvB assessment

This product does not contain any PBT or VPvB substances.

12.6. Other adverse effects

None known.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

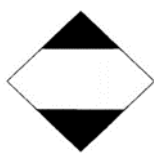
Contact a licensed waste disposal company. Dispose of as special waste in compliance with local and national regulations. For disposal within the EC, the appropriate code to the European Waste



Catalogue (EWC) should be used. Empty containers can be sent to landfill after cleaning, if in compliance with, local and national regulations.

Hazard Pictogram:

SECTION 14. TRANSPORT CONSIDERATIONS



Hazard Pictogram:

14.1 UN Number: UN 1170

Ethanol solution Limited Quantity

14.2 Transport Hazard Class

ADR: 3

Subsidiary Risk: -

IMDG: 3

Subaidiary Risk: -

14.4. Packing group Packing group

III

14.5 Environmental hazards

Environmental hazards No

Marine pollutant No

14.6 Special Precautions for User

Not Applicable

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

Not Applicable

IMDG

Ems Code F-E, S-D

Further information

The product is not classified as dangerous for carriage.

SECTION 15. REGULATORY INFORMATION

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

-  Hygiene & Catering
-  Care Equipment
-  Care Home Furniture
-  Servicing & Repairs
-  Nursing Consumables



EU Regulation. This is a cosmetic product regulated by Directive 76/768 (as amended) & Regulation EC No1223/2009 (as amended) and is thus exempt from the Safety Data Sheet requirements of Regulation EC No 453/2010. It is also exempt from the classification, Labelling and Packaging Regulation (EC) No 1272/2008

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16. OTHER INFORMATION

| | |
|---------------------------|---|
| REV. No. REPL. SDS | 3 |
| Generated | 14 TH September 2015 |
| SDS No. | |
| SDS Status | Ok |
| Approved | Yes |
| Notes | This document differs from the previous version in the following areas: 3- Further information. 16- Glossary. |
| Risk phrases in full | R11-Highly flammable. R20-Harmful by inhalation. R36/37-Irritating to eyes and respiratory system. R36/38- Irritating to eyes and skin. R38-Irritating to skin. R50/53- very toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. R50-Very toxic to aquatic organisms. R65-Harmful: may cause lung damage if swallowed. R67-Vapours may cause drowsiness and dizziness. |
| Hazard statements in full | Flam. Liq.2: H225- Highly flammable liquid and vapour. Asp. Tox.1: H304-May be fatal if swallowed and enters airways. Skin Irrit. 2: H315- Causes skin irritation. STOTSE 3: H336-May cause drowsiness or dizziness. Aquatic Chronic 1: H410-Very toxic to aquatic life with long lasting effects. Eye Irrit. 2:H319-causes serious eye irritation. Aquatic Acute 1: H400-Very toxic to aquatic life. Acute Tox. 4: H332- Harmful if inhaled. STOT SE 3: H335- May cause respiratory irritation. |
| Glossary | ADR European Agreement concerning the international Carriage of Dangerous Goods by Road. |

- Hygiene & Catering
- Care Equipment
- Care Home Furniture
- Servicing & Repairs
- Nursing Consumables



| | |
|-------------------------|--|
| | <p>IATA International Air Transport Association. IMDG International Maritime Dangerous Goods. PBT Persistent, Bioaccumulative, toxic. RID Convention concerning International Carriage by Rail. vPvB very persistent, very Bioaccumulative, STOT Specific Target Organ Toxicity. WEL Workplace Exposure Limit.</p> |
| Legal disclaimer | <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, reliability or completeness. This information relates only to the specific material used in combination with any other materials or in any other process. It is the user's responsibility to satisfy him /her as to the suitability of such information for his/her own particular use.</p> |
| <u>END of SDS</u> | |