

Material Safety Data Sheet

In accordance with Regulation (EC) No 1272/2008 (CLP) &
REACH Commission Regulation (EU) No 453/2010
Revision date: 23/02/17, issue 3

1. IDENTIFICATION OF THE PRODUCT AND SUPPLIER

- 1.1 Product identifier** AR-A02 AONA ReDose Bactericidal Cleaner & Disinfectant
Product strength: Concentrate as supplied
- 1.2 Use of Preparation** Concentrated specialised disinfectant formulated with naturally derived cleaning agents
- 1.3 Supplier details** **Aona UK c/o Summit Hygiene**
S1, Cherrycourt Way
Leighton Buzzard
Beds
LU7 4UH
Phone: + 44 (0) 1494 793414
Fax: +44 (0) 1494 785041
E-mail: sales@summithygiene.com
- 1.4 Emergency telephone number** + 44 (0) 1494 793414 (07:30am - 05:00pm)

2. HAZARDS IDENTIFICATION

2.1 Classification of the mixture according to the Regulation (EC) No 1272/2008 (CLP)
Danger: Serious Eye Dam, Cat 1; H318, Skin Irrit. Cat 2; H315, Aquatic Chronic 3; H412.

2.2 Label Elements according to the Regulation (EC) No 1272/2008 (CLP)

Signal word: Danger

Symbol:



Hazard Statements: H318 Causes serious eye damage. H315 Irritating to skin.
H412 Harmful to aquatic life with long lasting effects.

Prevention P262 Do not get in eyes or on skin. P280 Wear protective gloves.
P264 Wash hands thoroughly after handling.

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Response P305,P351,P338,P310: IF IN EYES. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor.
 P302,P352,P333,P313, P363: If ON SKIN: Wash with soap and water. If skin irritation or a rash occurs get medical advice. Wash contaminated clothing before reuse.

Contains: C8-C10-Alkyl Glucosides

2.3 Other hazards None known

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| 3. COMPOSITION/ INFORMATION ON INGREDIENTS |
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3.2 Mixtures

Composition:

| Ingredient | Cas no. | EC No. | Conc |
|---------------------|------------|-----------|--------|
| Alkyl polyglucoside | 68515-73-1 | 500-220-1 | 10-30% |

Classification (EC 1272/2008)

Eye Dam. 1 - H318

| Ingredient | Cas no. | EC No. | Conc |
|------------|---------|-----------|------|
| Propanol | 67-63-0 | 200-661-7 | 1-5% |

Classification (EC 1272/2008)

Flam. Liq. 2 - H225

Health Eye Irrit. 2 - H319

STOT Single 3 - H336

| Ingredient | Cas no. | EC No. | Conc |
|--------------------------------------|------------|-----------|-------|
| Alkyldimethylbenzylammonium-chloride | 68424-85-1 | 270-325-2 | 1-10% |

Classification (EC 1272/2008)

Skin Corr. 1C - H314

Acute Tox. 4 - H302

Acute Tox. 4 - H312

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

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| Ingredient | Cas no. | EC No. | Conc |
|--------------------------------------|-----------|-----------|-------|
| Didecyldimethylammonium- chloride | 7173-51-5 | 230-525-2 | 1-10% |

Classification (EC 1272/2008)

Skin Corr. 1B - H314
 Acute Tox. 4 - H302

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| 4. FIRST AID MEASURES |
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4.1 Description of first aid measures

In the event of exposure by inhalation:

Move to fresh air. Immediate medical attention not required.

In the event of splashes or contact with the eyes:

Immediately flush eyes with plenty of water for at least 15 minutes. If any persistent irritation is apparent obtain medical advice immediately.

In the event of splashes or contact with the skin:

Wash off skin immediately with plenty of water, using soap if available.

In the event of swallowing:

Drink plenty of water to dilute. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

General information

The severity of the symptoms described will vary dependent of the concentration and the length of exposure.

Inhalation.

No specific symptoms noted.

Ingestion

No specific symptoms noted.

Skin contact

Direct or prolonged contact with the skin may cause irritation.

Eye contact

Direct contact with the eyes may cause irritation, redness and damage to the cornea.

4.3 Indication of any immediate medical attention and special treatment needed

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Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media:

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

Suitable methods of extinction

Water, dry chemical or carbon dioxide.

Unsuitable methods of extinction

None known.

5.2 Special hazards arising from the mixture

None known.

5.3 Advice for fire-fighters

Protective equipment for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and procedures

No special protective clothing. (See Sec 8)

6.2 Environmental precautions

Avoid excessive release to drains.

6.3 Methods and materials for containment and cleaning up

Small quantities may be flushed to drains with plenty of water. Large Spillages: Soak up with inert material (e.g. sand, silica, acid binder, sawdust). Pick up and transfer to properly labeled containers. After cleaning flush away traces with water.

6.4 Reference to other sections

For personal protection, see section 8.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

7.2 Conditions for safe storage, including any incompatibilities

Store at moderate temperatures in dry, well ventilated area. Keep in original container. Store away from: oxidising materials.

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7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

Usage Description

See product information sheet & label for detailed use of this product.

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| 8. EXPOSURE CONTROLS/PERSONAL PROTECTION |
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8.1 Control parameters

Ingredient comments

No exposure limits noted for ingredient(s).

8.2 Exposure controls

Engineering measures

Not relevant.

Personal protection measures, such as personal protective equipment

Eye/face protection

Safety glasses or goggles recommended if prolonged contact with product concentrate is likely.

Hand protection

Gloves recommended if prolonged contact with product concentrate is likely.

Body protection

Not required.

Respiratory protection

Not required.

Other Protection

Avoid contact with eyes and skin.

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| 9. PHYSICAL AND CHEMICAL PROPERTIES |
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9.1 Information on basic physical and chemical properties

General information:

Physical state

| | |
|-------------------------------|-------------------------|
| Appearance | Liquid |
| Colour | Blue |
| Odour | Minty |
| Solubility | Soluble |
| pH | 6-7 |
| Specific gravity | 1.002 g/cm ³ |
| Melting point/freezing point: | No data available |

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|---|-------------------|
| Initial boiling point and boiling range: | No data available |
| Flash point: | No data available |
| Evaporation rate: | No data available |
| Flammability (solid , gas): | No data available |
| Upper/lower flammability or explosive limits: | No data available |
| Vapour pressure: | No data available |
| Vapour density: | No data available |
| Relative density: | No data available |
| Partition coefficient: n-octanol/water: | No data available |
| Auto-ignition temperature: | No data available |
| Decomposition temperature: | No data available |
| Viscosity: | No data available |
| Explosive properties: | No data available |
| Oxidising properties: | No data available |

9.2 Other information

None.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No specific reactivity hazards associated with this product.

10.2 Chemical stability

Product is stable under normal conditions of use.

10.3 Possibility of hazardous reactions

See sections 10.1, 10.4 & 10.5

10.4 Conditions to avoid

None known.

10.5 Incompatible materials

Avoid oxidizing agents.

10.6 Hazardous decomposition products

None known.

11. TOXICOLOGICAL

11.1 Information on toxicological effects

Skin corrosion/skin irritation:

Irritating to skin in the event of prolonged contact with product concentrate.

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Serious damage to eyes/eye irritation:

Seriously damaging to eyes in the event of direct contact.

Respiratory or skin sensitization:

Not expected under normal conditions of use.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

12.2 Persistence and degradability

Product is fully biodegradable. The surfactant in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3 Bio-accumulative potential

No appreciable bioaccumulation potential is to be expected.

12.4 Mobility in soil

Completely soluble.

12.5 Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects

Not known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product Waste:

Small amounts of unwanted product may be flushed with water to sewer.

Soiled packaging:

Rinse container and consign empty container to normal waste.

14. TRANSPORT INFORMATION

General

Not classified as hazardous for Transport.

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14.1 UN Number Not applicable/Non-hazardous
14.2 UN proper shipping name Not applicable/Non-hazardous
14.3 Transport Hazard class(es) Not applicable/Non-hazardous

Land
Inland Waterway Transport
Sea
Air

14.4 Packing group Not applicable/Non-hazardous
14.5 Environmental hazards Not classified as environmentally hazardous
14.6 Special Precautions for user None.

15. REGULATORY INFORMATION

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

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010, which amends Regulation (EC) No 1907/2006.

The product is classified under CLP Regulation (EC) No 1272/2008 classification, labelling & packaging of substances and mixtures.

Ingredients are listed with classification in accordance with GHS/CLP Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.

15.2 Chemical safety assessment

Not applicable this product is a mixture.

16. OTHER INFORMATION

Information Sources

Material Safety Data Sheets from raw material manufacturers.

CLP Classification - List of harmonised classification and labelling of hazardous substances.

Comments

Raw material (ingredient) hazard classifications are listed in CLP format.

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There has been a change to the classification of the product due to changes in the classification criteria in accordance with CLP.

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The Hazard Statements listed below relate to the raw materials (ingredients) in the product (as listed in Section 3) and NOT the product itself. For the Hazard Statements relating to this product refer to Section 2.

Hazard Statements in Full

- H225 Highly flammable liquid and vapour
- H302 Harmful if swallowed
- H312 Harmful in contact with skin
- H314 Causes severe skin burns and eye damage
- H318 Causes serious eye damage
- H319 Causes serious eye irritation
- H336 May cause drowsiness or dizziness
- H400 Very toxic to aquatic life
- H410 Very toxic to aquatic life with long lasting effects
- H412 Harmful to aquatic life with long lasting effects

Legal disclaimer:

The information provided is to the best of our knowledge correct and accurate. However, all data instructions and suggestions should be used only for guidance purposes. This company shall not be held liable for any damage resulting from handling or contact with the above product.