

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: RTU EVAPORATOR CLEANER AND DISINFECTANT {FROM BATCH NO. 0613822}

1.2. Relevant identified uses of the substance or mixture and uses advised against**1.3. Details of the supplier of the safety data sheet**

Company name: Advanced Engineering Ltd

Guardian House

Stroudley Road

Basingstoke

Hampshire

RG24 8NL

United Kingdom

Tel: +44(0)1256460300

Fax: +44(0)1256462266

Email: sales@advancedengineering.co.uk

1.4. Emergency telephone number

Emergency tel: +44(0)1256854318

Section 2: Hazards identification**2.1. Classification of the substance or mixture**

Classification under CHIP: This product has no classification under CHIP.

2.2. Label elements

Label elements under CHIP:

Hazard symbols: No significant hazard.

Safety phrases: S1/2: Keep locked up and out of the reach of children.

S24/25: Avoid contact with skin and eyes.

S36/37/39: Wear suitable protective clothing, gloves and eye / face protection.

S23: Do not breathe spray.

Precautionary phrases: Use biocides safely. Always read the label and product information before use.

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

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Section 3: Composition/information on ingredients

3.2. Mixtures

NON-IONIC SURFACTANT,,

-	-	Xn: R22; Xi: R41	-	<1%
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TRISODIUM NITRILOTRIACETATE

225-768-6	5064-31-3	Xn: R40; Xn: R22; Xi: R36	-	<1%
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DIDECYLDIMETHYLAMMONIUM CHLORIDE

230-525-2	7173-51-5	Xn: R22; C: R34	-	<1%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: * Remove all contaminated clothes and footwear immediately unless stuck to skin.
Wash immediately with plenty of soap and water.

Eye contact: * Bathe the eye with running water for 5 minutes. Consult a doctor.

Ingestion: * Wash out mouth with water. Give 1 cup of water to drink every 10 minutes. If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position. Consult a doctor.

Inhalation: * Move to fresh air in case of accidental inhalation of vapours.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: *

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

Immediate / special treatment: * Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: * Do not attempt to take action without suitable protective clothing - see section 8 of SDS.
Turn leaking containers leak-side up to prevent the escape of liquid. Remove all incompatible materials as outlined in section 10 of SDS.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Reference to other sections: * Refer to section 8 of SDS. Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: * Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): * No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: * Impermeable gloves.

Eye protection: * Safety glasses with side-shields. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: *

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale blue

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Odour: Characteristic odour

Solubility in water: * Miscible in all proportions

Relative density: 1.01

pH: 10.67

9.2. Other information

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: * Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: * Hazardous reactions will not occur under normal transport or storage conditions.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: * Strong oxidising agents. Acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: *

Other information: *

Section 12: Ecological information

12.1. Toxicity

[cont...]

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12.2. Persistence and degradability

Persistence and degradability: * The biodegradability of the surfactants contained in this product are in accordance with the requirements of the EU Detergent Regulation (EC/648/2004).
Readily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: * No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil. Soluble in water.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: * Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: * Transfer to a suitable container and arrange for collection by specialised disposal company. Biological treatment not specified elsewhere which results in final compounds or mixtures which are discarded by means of any of the other possible disposal operations.

Recovery operations: * Recycling/reclamation of organic substances which are not used as solvents (including composting and other biological transformation processes).

Disposal of packaging: * Clean with water. Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product is not classified for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

[cont...]

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Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: R22: Harmful if swallowed.

R34: Causes burns.

R36: Irritating to eyes.

R40: Limited evidence of a carcinogenic effect.

R41: Risk of serious damage to eyes.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.