

SAFETY DATA SHEET ALGOCLEAR PRO



Thames Valley Specialist Products Ltd

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

Product Name: ALGOCLEAR PRO

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

Use of substance / mixture: Biocide for surface treatment

1.3. Details of the supplier of the safety data sheet

Thames Valley Specialist Products Ltd

PO Box 1945

Maidenhead

SL6 2DD

1.4. Emergency telephone number

+44 (0)1628 687 022

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: :R34; Xn:R22; N:R50;

Classification under CLP: Acute Tox. 4: H302; Aquatic Acute 1: H400; Skin Corr. 1B: H314

Most important adverse effects: Harmful if swallowed. Causes burns. Very toxic to aquatic organisms.

2.2. Label elements

Label Elements under CLP:

Hazard statements: H302: Harmful if swallowed.

H314: Causes severe skin burns and eye damage.

H400: Very toxic to aquatic life.

Signal word: Danger

Hazard pictograms:



Precautionary statements: P264: Wash skin thoroughly after handling.

P280: Wear <protective gloves/protective clothing/eye protection/face protection>.

P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P321: Specific treatment (see instructions on this label).

P330: Rinse mouth.

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Label Elements under CHIP:

Hazard Symbols:

Risk phrases: R22: Harmful if swallowed; R34: Causes burns; R50: Very toxic to aquatic organisms;

Safety phrases: S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice; S36/37/39: Wear suitable protective clothing, gloves and eye / face protection; S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label wher; S61: Avoid release to the environment. Refer to special instructions / safety data sheets;

Precautionary phrases: P27: 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

Section 3: Composition/information on ingredients

3.2. Hazardous ingredients						
Ingredients	EINECS	CAS	Reach Reg No.	CHIP Class	CLP Class	Percent
DIDECYL DIMETHYL AMMONIUM CHLORIDE	230-525-2	7173-51-5		230-525-2	Acute Tox. 4: H302; Skin Corr. 1B: H314	30-50%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

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 soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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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-fighter

Advice for fire-fighters: 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: Refer to section 8 of SDS for personal protection

Details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.

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.

6.4. Reference to other sections

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

Section 7: Handling and Storage

7.1. Precautions for safe handling

Handling requirements: Avoid the formation or spread of mists in the air. 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: Polyethylene. Unsuitable packaging: metals and alloys.

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. DNEL/PNEC Values : DNEL / PNEC: No data available

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8.3. Exposure controls

Engineering measures:	Ensure there is sufficient ventilation of the area.
Respiratory protection:	If ventilation is not considered adequate, PPE should be used:
Hand protection:	Protective gloves.
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Skin protection:	Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid	Solubility in water: Miscible in all proportions
Colour: Red	Relative density: 0.956 pH: 6-8
Odour: Characteristic odour	Viscosity:

9.2. Other information

Other information: No data available.

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 condition

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Soft metals (aluminium, zinc etc.) Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

DIDECYLDIMETHYLAMMONIUM CHLORIDE			
ORL	MUS	LD50	268 mg/kg
IPR	RAT	LD50	45 mg/kg

Effects of mixture

Calculated

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11.2. 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 soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.
- Inhalation: Absorption through the lungs can occur causing symptoms similar to those of ingestion.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility in solid: 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: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: Return empty containers to the supplier for recycling. Damaged containers should be destroyed by cutting up or by incineration. Do not use for potable water.

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

Section 14: Transport information

- 14.1. UN Number : UN number: 1760
- 14.2. UN Proper shipping name : CORROSIVE LIQUID, N.O.S.
(DIDECYLDIMETHYLAMMONIUMCHLORIDE)
- 14.3. Transport hazard class(es) : Transport class: 8
- 14.4. Packing Group : Packing group: II

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14.6. Special precautions for user

Tunnel Code: E

Transport category: 2

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

Chemical safety assessment: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010

Phrases used in s.2 and 3:

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.

