

Marine Algae Cleaner Concentrate Safety Data Sheet Version 1.0 Issue date: 07/06/2017



Marine Algae Cleaner Concentrate - Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (as amended 2015/830)

Date of Issue: 07/06/2017 Revision due date: July 2019 Version:1.0

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

1.1 Product identifier

Product Form: Mixture

Product Name: Marine Algae Cleaner Concentrate

Product Code: ABD110 and 112

Type Product: Aqueous cleaning solution

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

1.2.1 Relevant identified uses

Main use category: Industrial use, professional use

Industrial/Professional use spec: Widespread professional cleaning use

Use of substance/mixture: Removal of algae

1.2.2 Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

Acute Build Clean
74 Bo'ness Road
Grangemouth
FK3 9BL
info@acute.uk.com

1.4 Emergency telephone number

EMERGENCY TELEPHONE 01324 309100 Hours of operation 9:00-17:00 Mon - Fri

Section 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272 / 2008 [CLP]

H319 Causes serious eye irritation.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard Pictogram (CLP)

GHS07

Signal Word (CLP) Warning

Hazard Statement (CPL) H319 Causes Serious Eye Irritation

Precautionary Statements P280 - wear eye protection

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313 - If eye irritation persists seek medical attention.



2.3 Other Hazards

No additional information available

First - aid measures after inhalation: Not applicable

Section 3: Composition / information on ingredients

3.1 Substance

Not applicable

3.2 Mixture

Name	Product Identifier	%	Classification according to Directive 67/548/EEC	Classification according to Regulation (EC) No 1272/2008 (CLP)
Non ionic surfactant blend	CAS 68439-46-3	1 - 5%	Acute Tox. 4 Eye Irrit.2	H302 H319
Alcohols ethoxylated C12-C15	CAS 69011-36-5	< 5%	Acute Tox 4 Eye dam. 1	H302 H318

Section 4: First aid measures

4.1 Description of first aid measures

First - aid measures general : Get medical advice/attention if you feel unwell

First - aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing

First - aid measures after skin contact : Wash immediately with plenty of water

First - aid measures after eye contact : In case of eye contact, immediately rinse with clean water for 10 - 15 minutes. Remove contact lenses if present and easy to do so. Obtain medical attention if irritation persists

First - aid measures after ingestion : Rinse mouth. Get medical advice/attention

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

Risks : May cause serious eye irritation following exposure

4.3 Indication of any immediate medical attention and special treatment needed

If exposed or concerned, get medical advice and attention

Section 5: Firefighting measures

5.1 Description of first aid measures

Suitable extinguishing media : All extinguishing media can be used.

Product not flammable or combustible

Unsuitable extinguishing media : None known

5.2 Special hazards arising from the substance or mixture

Fire hazard : None

Explosion hazard : None known

5.3 Advice for firefighters

Other information : No additional information

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures : Avoid prolonged contact with skin. Avoid getting in eyes

6.1.1 For non-emergency personnel

Protective equipment : Gloves. Safety glasses. Contact with walking surface may result in formation of slippery film/falling hazard.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2 For emergency responders

Protective equipment : Gloves, safety glasses and protective clothing as required

6.2 Environmental precautions

Prevent soil and water pollution.

6.3 Methods and material for containment and cleaning up

For containment : Contain leaking substance, pump over in suitable containers.

Methods for cleaning up : Contain leaking substance, pump over in suitable containers. Absorb with liquid-binding material (e.g. sand, diatomaceous earth or universal binding agents). Clean spills promptly.

Other information : Comply with local regulations for disposal.

6.4 Reference to other sections

Personal Protection : see section 8

Disposal : See section 13

Section 7: Handling and storage

7.1 Precautions for safe handling

Hygiene measures : When using do not eat or drink. Wash hands before breaks and after work.
: Handle in accordance with good industrial hygiene and safety procedures.
: Avoid contact with eyes

7.2 Conditions for safe storage, including any incompatibilities

Technical measures : Does not require any specific or particular technical measures.
Storage conditions : Protect against frost. Protect against direct sunlight.
Storage area : Keep container closed when not in use
Packaging materials : Stainless steel. Plastic.
Incompatible products : Oxidising agents, strong acids

7.3 Specific end use (s)

No additional information available

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Section 8: Exposure controls/personal protection

8.1 Control parameters

No additional information available

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance /Physical state : Slightly viscous clear to slightly opaque Liquid

Odour : None

Odour threshold : No available data

pH : 11.3

Relative evaporation rate : No available data

Melting point : No available data

Freezing point : -2°C

Boiling point : 100°C

Flash point : Not applicable (aqueous solution)

Auto-ignition temperature : No available data

Decomposition temperature : No available data

Flammability (solid, gas) : Not applicable (aqueous solution)

Vapour pressure : No available data

Relative vapour density at 20°C : No available data

Relative density : 1.0 to 1.01 @ 20°C

Density : No available data

Solubility : Dispersible

Viscosity : No available data

Explosive properties : No available data

Oxidising properties : No available data

8.2 Exposure controls

Personal protective clothing : Not required for normal conditions of use

Hand protection : In case of repeated or prolonged contact wear gloves

Eye protection : Safety glasses should be worn when handling concentrate

Skin and body protection : Not required for normal use

Respiratory protection : Not required for normal use

9.2 Other information

No additional information available

8.3 Exposure controls

No additional information available

Section 10: Stability and reactivity

10.1 Reactivity

No additional information available

10.2 Chemical stability

Stable under normal temperature conditions and recommended use

10.3 Possibility of hazardous reactions

No additional information available

10.4 Conditions to avoid

No additional information available

10.5 Incompatible materials

Strong oxidising substances, strong acids

10.6 Hazardous decomposition products

No additional information available

Section 11: Toxicological information

11.1 Information on toxicological effects

Toxicological data on mixture

Acute toxicity : based on the available data, the classification criteria are not met

Skin corrosion / irritation : based on the available data, the classification criteria are not met

Serious eye damage / irritation : causes serious eye irritation (based on additive approach from mixture components)

Respiratory or skin sensitisation : based on the available data, the classification criteria are not met

Germ cell mutagenicity : based on the available data, the classification criteria are not met

Carcinogenicity : based on the available data, the classification criteria are not met

Reproductive toxicity : based on the available data, the classification criteria are not met

STOT (single exposure) : based on the available data, the classification criteria are not met

STOT (repeated exposure) : based on the available data, the classification criteria are not met

Aspiration hazard : based on the available data, the classification criteria are not met

Toxicological data on component

Acute toxicity : not classified

Skin corrosion / irritation : to be amended

Serious eye damage / irritation : to be amended

Respiratory or skin sensitisation : based on the available data, the classification criteria are not met

Section 12: Ecological information

12.1 Toxicity

No additional information available

12.2 Persistence and degradability

Readily biodegradable

12.3 Bioaccumulative potential

No additional information available

12.4 Mobility in soil

No additional information available

12.5 Results of PBT and vPvB assessment

No additional information available

12.6 Other adverse effects

No additional information available

Section 13: Disposal considerations

13.1 Waste treatment methods

No additional information available

Regional legislation (waste) : Comply with local regulations for disposal

Waste treatment methods : Dilute with plenty of water before allowing access to water courses

Waste disposal recommendations : Discharge of concentrated product into the environment should be avoided.

Additional information : Dispose in a safe manner in accordance with local / national Regulations

Ecology - waste materials : Comply with applicable regulations.

Section 14: Transport information

In accordance with ADR / RID / IMDG / IATA / AND

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class (es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

Dangerous for the environment: No

Marine pollutant: No - Other information: No supplementary information available

14.6 Special precautions for user

Overland transport: No additional information available

Transport by sea : No additional information available

Air transport : No additional information available

14.7 Transport in bulk according to Annex 11 of MARPOL 73 / 78 and the IBC Code - Not applicable

Section 15: Regulatory information

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

EU-Regulations Contains no substances with REACH Annex XVII restrictions

Contains no REACH candidate list substance.

Contains no REACH Annex XIV substance

National regulations No additional information available

15.2 Chemical safety assessment

No additional information available

Section 16: Other information

Full List of H and P statements

H319 : Causes serious eye irritation

P280 : Wear eye protection

P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313 : If eye irritation persists seek medical attention.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification.