

Material Safety Data Sheet

In accordance with Regulation (EC) No 1272/2008 (CLP) &
REACH Commission Regulation (EU) No 453/2010.

Date 20/08/15

1. IDENTIFICATION OF THE PRODUCT AND SUPPLIER

- 1.1 Product identifier** Eco Washing Up Liquid.
- 1.2 Use of Preparation** General Purpose Detergent.
- 1.3 Supplier details** Ecoworks Marine Ltd.
3 Edgar Buildings
George St
Bath
Ba12JF. England
Phone: + 44 (0) 8700 777575
E-mail :sales@ecoworksmarine.com
- 1.4 Emergency telephone number :** Phone: + 44 (0)8700 777575 (8am-5pm)

2. HAZARDS IDENTIFICATION

2.1 Classification according to the Regulation (EC) No 1272/2008 (CLP)

Warning: Serious Eye Irritation Category 2; H319

Classification according to Directives 1999/45/EC and 67/548/EEC (CHIP)

None

2.2 Label Elements

Labelling according to the Regulation (EC) No 1272/2008 (CLP)

Signal word: Warning

Symbol:



Hazard Statements H319 Causes serious eye irritation

Precautionary Statements

General Prevention Response P102 Keep out of reach of children.
P262 Do not get in eyes.
P305,P351,P338,P337,P313 IF IN EYES. Rinse cautiously with

Material Safety Data Sheet

In accordance with Regulation (EC) No 1272/2008 (CLP) &
REACH Commission Regulation (EU) No 453/2010.

Date 20/08/15

water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: get medical attention.

Labelling in compliance with directives 67/548/EEC, 1999/45/EC and their amendments (CHIP)

Hazard Symbol	None
Risk Phrases	None
Safety Phrases	S2 Keep out of the reach of children. S25 Avoid contact with the eyes. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

2.3 Other hazards Product contains naturally derived surfactants and is fully biodegradable.

In compliance with directives 67/548/EEC, 1999/45/EC and their amendments

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.2 Mixtures

Composition:

Ingredient	Cas No.	EC No.	Conc
Cocamidopropyl betaine	61789-40-0	263-058-8	1-10%

Classification (EC 1272/2008)

Ser. Eye Dam. Cat 1 - H318

Classification (67/548/EEC)

Xi; R41

Ingredient	Cas No.	EC No.	Conc
Sodium Laureth Sulphate	68891-38-3	500-234-8	10-30%

Classification (EC 1272/2008)

Skin Irrit. 2 - H315

Eye Irrit. 2 – H319

Classification (67/548/EEC)

Xi; R36, R38

Ingredient	Cas No.	EC No.	Conc
Mixture alkyl glycosides	-	-	1-5%

Classification (EC 1272/2008)

Ser. Eye Dam. Cat. 1 - H318

Classification (67/548/EEC)

Xi; R41

Material Safety Data Sheet

In accordance with Regulation (EC) No 1272/2008 (CLP) &
REACH Commission Regulation (EU) No 453/2010.

Date 20/08/15

4. FIRST AID MEASURES

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 skin with plenty of water.

In the event of swallowing:

Drink plenty of water to dilute.

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

Prolonged contact with the skin may cause minor irritation.

Eye contact

Direct or prolonged contact with the eyes may cause irritation, pain and redness.

4.3 Indication of any immediate medical attention and special treatment needed

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.

Material Safety Data Sheet

In accordance with Regulation (EC) No 1272/2008 (CLP) &
REACH Commission Regulation (EU) No 453/2010.

Date 20/08/15

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 Section 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

The material should be handled under good house keeping practices. Avoid contact with drinking water and foodstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Store at moderate temperatures in dry, well ventilated area. Keep in original container.

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.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredient comments

Material Safety Data Sheet

In accordance with Regulation (EC) No 1272/2008 (CLP) &
 REACH Commission Regulation (EU) No 453/2010.

Date 20/08/15

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

Not required. Do not get in eyes.

Hand protection

Not required.

Body protection

Not required.

Respiratory protection

Not required.

Other protection

Avoid contact with the eyes.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

General information:

Physical state

Appearance	Liquid
Colour	Green
Odour	Fresh
Solubility	Soluble
pH	5-7
Melting point/freezing point:	>0 °C
Initial boiling point and boiling range:	>100 °C
Flash point:	No data available
Evaporation rate:	No data available
Upper/lower flammability or explosive limits:	No data available
Vapour pressure:	No data available
Vapour 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

Material Safety Data Sheet

In accordance with Regulation (EC) No 1272/2008 (CLP) &
REACH Commission Regulation (EU) No 453/2010.

Date 20/08/15

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:

Mildly irritating to skin in the event of prolonged contact.

Serious damage to eyes/eye irritation:

In the event of direct contact may cause irritation, pain and redness.

Respiratory or skin sensitization:

Not expected under normal conditions of use.

Acute oral toxicity data (where available) for components of this product are;

Alkyl polyglucoside	Oral rat LD-50 > 5,000mg/kg
Sodium laureth sulphate	Oral rat LD-50 > 2,000mg/kg
Cocamidopropyl betaine	Oral rat LD-50 > 2,000mg/kg

12. ECOLOGICAL INFORMATION

Material Safety Data Sheet

In accordance with Regulation (EC) No 1272/2008 (CLP) &
REACH Commission Regulation (EU) No 453/2010.

Date 20/08/15

12.1 Toxicity

We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product.

Alkyl polyglucoside	LD50 (fish)	> 558 mg/l
Sodium laureth sulphate	LD50 (fish)	7.1 mg/L
Cocamidopropyl betaine		
	Algae 72H ErC50	1.5 mg/l
	Daphnia magna 48H EC50	6.5 mg/l
	Fish 96H LC50	1.11 mg/l

12.2 Persistence and degradability

Readily biodegradable, according to appropriate OECD test.

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.

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

7. eco washing-up liquid

Material Safety Data Sheet

In accordance with Regulation (EC) No 1272/2008 (CLP) &
REACH Commission Regulation (EU) No 453/2010.

Date 20/08/15

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	Handle with care

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 & mixtures.

Ingredients are listed with classification under both CHIP - Directive 67/548/EEC - classification, packaging & labelling of dangerous substances & 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.

CHIP Classification - List of harmonised classification and labelling of hazardous substances from Annex I to Directive 67/548/EEC.

Compilation Date 20/08/15

Comments

The Risk Phrases/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 Product Hazard Classification & Hazard Statements relating to this product refer to Section 2.

Risk Phrases in Full

R36 Irritating to eyes.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

Material Safety Data Sheet

In accordance with Regulation (EC) No 1272/2008 (CLP) &
REACH Commission Regulation (EU) No 453/2010.

Date 20/08/15

Hazard Statements in Full

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes eye irritation.

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.