

## Material Safety Data Sheet

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

Issue date: 04/02/16

### 1. IDENTIFICATION OF THE PRODUCT AND SUPPLIER

- 1.1 Product identifier** eco natural sanitiser.
- 1.2 Use of Preparation** Specialised cleaner and natural disinfectant.
- 1.3 Supplier details** Ecoworks Marine Ltd.  
3 Edgar Buildings  
George St  
Bath  
BA1 2FJ  
Phone: + 44 (0)8700 777575  
E-mail: [sales@ecoworksmarine.com](mailto:sales@ecoworksmarine.com)
- 1.4 Emergency telephone number** + 44 (0)8700 777575 (8am-5pm)

### 2. HAZARDS IDENTIFICATION

#### 2.1 Classification of the mixture

**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** P102 Keep out of reach of children.

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Prevention	P262 Do not get in eyes, on skin, or on clothing.
Response	P302, P350 IF ON SKIN: Gently wash with plenty of soap and water.  P305,P351,P338,P337,P313 IF IN EYES. Rinse cautiously with 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 is naturally derived and fully biodegradable.

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

### 3.2 Mixtures

#### Composition:

Ingredient	Cas No.	EC No.	Conc
Organic acid	79-33-4	201-196-2	1-5%

#### Classification (EC 1272/2008)

Skin Irrit. 2 - H315  
Eye Dam. 1 - H318

#### Classification (67/548/EEC)

Xi; R38, R41

Ingredient	Cas No.	EC No.	Conc
Sodium Laureth Sulphate	68891-38-3	500-234-8	1-5%

#### Classification (EC 1272/2008)

Skin Irrit. 2 - H315  
Eye Dam. 1 - H318

#### Classification (67/548/EEC)

Xi; R38, R41

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

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### 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 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 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.

### Unsuitable methods of extinction

None known.

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### 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

### 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.

### 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

No exposure limits noted for ingredient(s).

### 8.2 Exposure controls

Engineering measures

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Not relevant.

### Personal protection measures, such as personal protective equipment

#### Eye/face protection

Not required. Spray away from the face. Ensure eye wash is to hand.

#### Hand protection

Not required.

#### Body protection

Not required.

#### Respiratory protection

Not required.

#### Other protection

Do not get in eyes or on skin.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### General information:

Physical state

Appearance	Liquid
Colour	Clear
Odour	Citrus
Solubility	Soluble
pH	3
Melting point/freezing point:	> 0°C
Initial boiling point and boiling range:	> 100°C
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

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### 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;

Organic acid	LD50 Oral (rat)	>3,730 mg/Kg
Sodium laureth sulphate	LD50 Oral (rat)	>2,000 mg/Kg

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

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

Eco-toxicity data (where available) for components of this product are;

Organic acid	EC50 70 hrs (algae)	3,500 mg/L
Sodium laureth sulphate	LD50 (fish)	7.1 mg/L

### 12.2 Persistence and degradability

The preparation is readily biodegradable. The surfactants in this preparation comply 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.

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

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Inland Waterway Transport  
Sea  
Air

<b>14.4 Packing group</b>	Not applicable/Non-hazardous
<b>14.5 Environmental hazards</b>	Not classified as hazardous to the environment
<b>14.6 Special Precautions for user</b>	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 & 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.

#### Comments

This Material Safety Data Sheet has been prepared in accordance with REACH Commission Regulation (EU) No 453/2010, which amends Regulation (EC) No 1907/2006. Raw material (ingredient) hazard classifications are listed in both CHIP & CLP format.

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 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 Risk Phrases / Hazard Statements relating to this product refer to Section 2.

### **Risk Phrases in Full**

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

### **Hazard Statements in Full**

H318 Causes serious eye damage.

H315 Causes skin 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.