

Material Safety Data Sheet



In accordance with Regulations EC No. 1907/2006 & No. 453/2010 (REACH). Revision date: 10/09/2014, Issue 5

1. IDENTIFICATION OF THE PRODUCT AND SUPPLIER

1.1 Product identifier

Ecozone Hair Degradar.

1.2 Use of Preparation

Specialized enzymatic preparation for breaking down hair blockages in showers, sinks and drains.

1.3 Supplier details

Ecozone Ltd.
10 Barley Mow Passage
Chiswick
London
W4 4PH
Phone: + 44 (0)345 230 4200
Fax: +44 (0)345 230 4220
E-mail : trade@ecozone.co.uk
+ 44 (0)345 230 4200 (10am-4pm)

1.4 Emergency telephone number

UFI CODE: NY10-H0JH-K00H-MRFF

2. HAZARDS IDENTIFICATION

2.1 Classification Elements

Classification according to the Regulation (EC) No 1272/2008 (EU-GHS/CLP) Danger:
Serious Eye Dam, Cat 1, Skin Sens, Cat 1.

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

Xi, Irritant

2.2 Label Elements

Classification according to the Regulation (EC) No 1272/2008 (EU-GHS/CLP)

Signal word: Danger

Symbol:

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Hazard Statements: H318 Causes serious eye damage. H317 May cause an allergic skin reaction.

Prevention P280 Wear protective gloves. P264: Wash hands thoroughly after handling.

Response P305, P351, P338, P310: IF IN EYES. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician.
P302, P352, P333, P313, P363: If ON SKIN: Wash with soap and water. If skin irritation or a rash occurs get medical advice. Wash contaminated clothing before reuse.

2.3 Other hazards Contains enzymes. May produce an allergic reaction in sensitized individuals. Avoid breathing product spray.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

3.2 Mixtures

Composition:

Ingredient	Cas No.	EC No.	Conc
Alcohol ethoxylate	68439-46-3	-	1-5%

Classification (EC 1272/2008)

Act tox. Cat 4: H302

Ser. Eye Dam. Cat 1: H318

Classification (67/548/EEC)

Xn; R22 R41.

Ingredient	Cas No.	EC No.	Conc
Alcohol	67-63-0	200-661-7	1-5%

Classification (EC 1272/2008)

Classification (67/548/EEC)

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STOT SE 3: H336

F Xi; R11, R36, R67

Eye Irrit. 2: H319

Flam. Liq. 2: H225

Ingredient	Cas No.	EC No.	Conc
Protease enzyme	9014-01-1	232-752-2	1-5%

Classification (EC 1272/2008)

Eye Irrit. 2: H319

Skin Irrit 2: H315

Resp Sens Cat 1: H334

Classification (67/548/EEC)

Xn; R36/38, R42

Ingredient	Cas No.	EC No.	Conc
Calcium Thioglycollate	29820-13-1	249-881-5	1-5%

Classification (EC 1272/2008)

Acute Tox. 4: H302;

Eye Irrit. 2: H319;

Met. Corr. 1: H290;

Skin Sens. 1: H317;

STOT SE 3: H335

Classification (67/548/EEC)

Xn: R20; Xn: R22; Xi: R37; Xi: R41; Sens.: R43

4. FIRST AID MEASURES

4.1 Description of first aid measures

In the event of exposure by inhalation:

Remove victim to fresh air. Seek medical advice if symptoms persist.

In the event of splashes or contact with the eyes:

Immediately flush eyes with water for at least 15 minutes and seek immediate medical attention.

In the event of splashes or contact with the skin:

Wash affected area thoroughly with soap and water.

In the event of swallowing:

Rinse mouth and throat with water and give sips of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

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The severity of the symptoms described will vary dependent of the concentration and the length of exposure.

Inhalation

May cause shortness of breath in sensitised individuals.

Ingestion

No specific symptoms noted.

Skin contact

May cause irritation and redness.

Eye contact

May cause severe irritation and damage.

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.

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).

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6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

6.3 Methods and materials for containment and cleaning up May be flushed to drains with plenty of water.

6.4 Reference to other sections

For personal protection, see Section 8.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling Use in a well ventilated area.

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

Hazardous ingredients:

PROPAN-2-OL

Workplace exposure limits:

State	8 hour	TWA: 15 min.
UK	999 mg/m	3 1250 mg/m ³

Respirable dust

STEL: 8 hour	TWA: 15 min. STEL:
-	-

8.2 Exposure controls

Engineering measures Not relevant.

Personal protection measures, such as personal protective equipment
Eye/face protection

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None required. Avoid contact with the eyes.

Hand protection

Chemical resistant gloves recommended.

Body protection

Not required.

Respiratory protection

Respiratory protection not required under normal conditions of use. Use in a well ventilated area.

Other Protection

None required.

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	9-10
Specific gravity	1.01 g/cm ³

Important health, safety and environmental information:

9.2 Other information None.

10. STABILITY AND REACTIVITY

10.1 Reactivity

No specific reactivity hazards associated with this product.

10.2 Chemical stability

No particular stability concerns.

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10.3 Possibility of hazardous reactions

See sections 10.1, 10.4 & 10.5

10.4 Conditions to avoid

There are no known conditions that are likely to result in a hazardous situation.

10.5 Incompatible materials Strong acids and bleach.

10.6 Hazardous decomposition products No hazardous decomposition products.

11. TOXICOLOGICAL

11.1 Information on toxicological effects Skin corrosion/skin irritation:

May cause irritation and redness.

Serious damage to eyes/eye irritation:

Risk of serious damage to eyes.

Respiratory or skin sensitization:

May cause sensitisation by skin contact.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

Mixtures

12.2 Persistence and degradability

The preparation is readily biodegradable. The surfactant in this preparation complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

12.3 Bio-accumulative potential

The product does not contain any substances expected to bio-accumulate.

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12.4 Mobility in soil

This preparation is highly dispersible in water. It is highly likely to distribute predominantly to the aqueous environment.

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. Larger volumes should be sent for disposal by an approved waste contractor.

Soiled packaging:

Rinse container and consign empty container to normal waste.

14. TRANSPORT INFORMATION

General Not classified for Transport.

14.1 UN Number Not applicable
14.2 UN proper shipping name Not applicable
14.3 Transport Hazard class(es) Not applicable

Land
Inland Waterway Transport
Sea
Air

14.4 Packing group Not applicable
14.5 Environmental hazards Not applicable
14.6 Special Precautions for user Not applicable

15. REGULATORY INFORMATION

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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.

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 and mixtures.

15.2 Chemical safety assessment Not applicable - this product is a mixture.

16. OTHER INFORMATION

Information Sources

Material Safety Data Sheets from multiple 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.

Revision Comments

Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 453/2010, which amends Regulation (EC) No 1907/2006. Classification and label elements have been voluntarily written according to CLP by implementing early the version of Annex II that comes into force on 1 June 2015 for mixtures according to the provisions of Article (3) of Regulation 453/2010. There has been a change to the classification of the product due to changes in the classification criteria in accordance with CLP. Translation tables in Annex VII to CLP have been used to translate classification in accordance with DPD to CLP.

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Risk Phrases in Full

- R11 Highly flammable
- R20 Harmful by inhalation
- R22 Harmful if swallowed

- R36 Irritating to eyes
- R37 Irritating to respiratory system
- R38 Irritating to skin
- R41 Risk of serious damage to eyes
- R42 May cause sensitisation by inhalation
- R43 May cause sensitisation by skin contact
- R67 Vapours may cause drowsiness and dizziness

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Hazard Statements in Full

- H225 Highly flammable liquid and vapour
- H302 Harmful if swallowed
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H318 Causes serious eye damage
- H319 Causes serious eye irritation
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled
- H335 May cause respiratory irritation
- H336 May cause drowsiness or dizziness
- H290 May be corrosive to metals

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.