

ENVIRO SCALE

1. IDENTIFICATION OF SUBSTANCE / MIXTURE OF THE COMPANY / UNDERTAKING

- 1.1 Product Identifier**
 Material name: Enviro Scale
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
 Product use: Lime scale remover and bathroom cleaner
- 1.3 Details of the supplier of the safety data sheet**
 Manufacturer / Supplier: IMG Ltd.,
 Unit M
 Riverside Industrial Estate
 Fazeley
 Tamworth
 B78 3RW
- Telephone: 01827 283322
 Fax: 01827 250143
 Email (for SDS): sales@img-limited.co.uk
- 1.4 Emergency tel. no:** 01827 283322 (Available from 8.30 – 17.00 hours)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

According to 1272/2008/EC: Classification, Labelling and Packaging of Substances and Mixtures (CLP) Regulation:

Physical and Chemical hazards Not classified
 Human Health Skin Corr. 1A; H314
 Environment Not classified

2.2 Label elements

Label according to EC Directives: 1272/2008/EC:

Signal word: Danger



Pictogram(s):

Hazard Statements: H314 Causes severe skin burns and eye damage

Precautionary Statements:

P260 Do not breathe dust/fumes/gas/mist/vapours/spray
 P280 Wear protective gloves/protective clothing/eye protection/face protection
 P301+330+331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting

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- P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
- P304+340 IF INHALED: Remove person to fresh air and keep comfortable for breathing
- P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so

Supplementary labelling: EUH208 Contains fresh fragrance. May produce an allergic reaction.

Other hazards: None known.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixtures:

Hazardous components:

Chemical Name	CAS.No/ EC No./ Reg.No	Classification (1272/2008/EC)	Content
Glycolic Acid	-	Acute Tox. 4; H332 Skin Corr. 1B; H314	1-10%
Citric Acid Monohydrate	CAS: 5949-259-1	Eye Irr.2; H319	1-10%
Benzenesulfonic Acid, C10-13 Alky Derivatives, Sodium Salts	-	-	1-10%
Fresh Fragrance	-	Skin Irr.3; H315 Aquatic Chronic 2; H411 Skin Sens.1; H317 Eye Irr.2; H319 Asp.Tox.1; H304	<1%

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice: In all cases of doubt, or when symptoms persist, seek medical attention.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious and breathing is OK, place in the recovery position. If conscious, ensure the casualty sits or lies down. Transfer to hospital as soon as possible.

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.

Ingestion: Wash out mouth with water. Do not induce vomiting. Give one cup of water every 10 minutes. Transfer to hospital as soon as possible.

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

Eye contact: Corneal burns may occur. May cause permanent damage.

Inhalation: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

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Skin contact: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.

Ingestion: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.

4.3 Indication of any immediate medical attention and special treatment needed: Eye bathing equipment should be available on the premises.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powders, water. Use water spray to cool containers.

Unsuitable extinguishing media: Not applicable.

5.2 Special hazards arising from the substance or mixture

Corrosive. In combustion emits toxic fumes.

5.3 Advice for fire-fighters

Special protective equipment for fire-fighters: Wear protective clothing to prevent contact with skin and eyes. Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Refer to section 8 for SDS for personal protection details.

6.2 Environmental precautions

Do not allow to enter drains or watercourses. If the product contaminated lakes, or sewers, inform the appropriate authorities in accordance with local regulations.

6.3 Methods and materials for containment and cleaning up

Clean up should be dealt with only by qualified personnel familiar with the specific substance. Absorb into dry earth or sand. Transfer to a close able, labelled salvage container for disposal by an appropriate method.

6.4 Reference to other sections

See section 13 for additional waste treatment information.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.

7.2 Conditions for safe storage, including any incompatibilities

Store in a cool and well-ventilated area. Keep container tightly closed.

7.3 Specific end use(s)

Not available.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Not available.

8.2 Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Personal Protective Equipment

Hand protection: Impermeable gloves.

Eye protection: Tightly fitting safety goggles. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State and colour:	Liquid, blue.
Odour:	Characteristic odour.
Odour threshold:	No data available.
Flammability:	No data available.
Flash point:	>93°C
Lower explosion limit:	No data available.
Upper explosion limit:	No data available.
Explosive properties:	No data available.
Thermal decomposition:	No data available.
Auto-ignition temperature:	No data available.
Oxidising properties:	Non-oxidising.
Solubility in water:	Soluble.
Solubility in other solvents:	No data available.
pH:	<2
Melting point / range:	No data available.
Boiling point / range:	100°C.
Relative Density:	No data available.
Vapour pressure:	No data available.
Vapour density:	No data available.
Partition coefficient: n-octanol / water:	No data available.
Viscosity (kinematic):	Non viscous.
Evaporation rate:	No data available.

9.2 Other information No data available.

10. STABILITY AND REACTIVITY

10.1 Reactivity	Stable under recommended transport and storage conditions.
10.2 Chemical stability	Stable under recommended storage and handling conditions.
10.3 Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	Heat.
10.5 Incompatible materials	Keep away from the following materials; oxidising agents, strong acids.

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10.6 Hazardous decomposition products Decomposition products may include the following materials; carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Hazardous Ingredients

Chemical Name	Oral (LD50)	Dermal (LD50)
Benzenesulfonic acid, C10-13 Alkyl Derivs, Sodium salts	>2000mg/kg (Rat)	No data available
Fresh Fragrance	>5000mg/kg	>5000mg/kg

Symptoms / routes of exposure

Skin corrosion / irritation:	Blistering may occur. Progressive ulceration will occur if treatment is not immediate.
Serious eye damage / irritation:	Corneal burns may occur. May cause permanent damage.
Respiratory or skin sensitisation:	No data available.
Repeated dose toxicity:	No data available.
Carcinogenicity:	No data available.
Mutagenicity:	No data available.
Toxicity for reproduction:	No data available.
Specific target organ toxicity (STOT):	No data available.
Further information:	No data available.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data available.

12.2 Persistence and degradability

The surfactants in this product comply with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

Readily absorbed into soil.

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/vPvB substance.

12.6 Other adverse effects

No data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Dispose of in accordance with local/national regulations. Do not allow to enter drains or watercourses. Care should be taken when handling emptied containers that have not been cleaned or rinsed out.

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14. TRANSPORT INFORMATION

14.1 UN number	ADR/RID/AND; IMDG; ICAO	3265
14.2 UN Proper shipping name	Corrosive liquid, Acidic, Organic, N.O.S (Glycolic Acid)	
14.3 Transport hazard class(es)	ADR/RID/ADN Class	8
	ADR/ RID/ADN Class	Class 8
	ADR Label No.	8
	IMDG Class	8
	ICAO Class/Division	8
	ICAO Subsidiary Risk	8



Transport labels

14.4 Packing group	ADR/RID/AND; IMDG; ICAO	III
14.5 Environmental hazards	No	
14.6 Special precautions for user	ADR/RID: Tunnel code E	
	IMDG: Emergency schedules F-D, S-U	
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:	Not applicable.	

15. REGULATORY INFORMATION

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

UK Regulatory References

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2001 No.2677) with amendments.

EU Directives

Regulations (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation EU 453/2010 amending Regulation (EC) No 1907/2006.

Statutory Instruments

The Chemicals (Hazard information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

15.2 Chemical Safety Assessment

Chemical safety assessments / reports are not required for mixtures.

16. OTHER INFORMATION

This safety data sheet is prepared in accordance with Regulation (EC) No 1907/2006 (REACH – Registration, Evaluation, Authorisation and Restriction of Chemicals) as amended and Regulation EU 453/2010.

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Full text of H statements used in section 3

- H304 May be fatal if swallowed and enters airways
- H314 Causes severe skin burns and eye damage
- H315 Causes skin irritation
- H317 May cause an allergic skin reaction
- H319 Causes serious eye irritation
- H332 Harmful if inhaled
- H411 Toxic to aquatic life with long lasting effects

Abbreviations and acronyms

- CAS: Chemical Abstract Service (division of the American Chemical Society) – Section 3.
- STOT: Single Target Organ Toxicity – Section 11.
- PBT: Persistent, Bioaccumulative, Toxic – Section 12.
- VPvB: very Persistent and very Bioaccumulative – Section 12.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall only be used as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

