

Safety Data Sheet (SDS)

Decarbonizer

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Trade Name	Description	Unit	Stock Code
e-hygiene	Decarbonizer	10 kg pail	DECAR1058

Company e-hygiene systems ltd

Address Murray Road Orpington BR5 3QY

Tel: 01689 892522

Fax: 01689 877575

E-Mail info@e-hygienesystems.co.uk

2. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Substance(INCI)	CAS	EINECS	Risk	%
Sodium Carbonate	497-19-8	207-838-8	Xi; R36	>30
Sodium Silicate	1344-09-8	215-687-4	Xi; R38-41	15-30
Disodium Metasilicate	6834-92-0	229-912-9	C; R34 Xi; R37	15-30
Sodium Dodecyl Benzene Sulphonate		25155-30-0	Nn; R22. Xi; R38-41	<5

3. HAZARD IDENTIFICATION

Irritating to eyes and skin. Large quantities could be hazardous to the aquatic environment.

4. FIRST AID MEASURES

Eyes - In case of contact with eyes irrigate with water for 10 to 15 minutes until irritation subsides. If irritation persists seek medical attention. Skin - Remove contaminated clothing and wash splashes from skin immediately. If skin becomes sore or inflamed seek medical attention. Ingestion - Give plenty of water to drink, do not induce vomiting, obtain medical attention immediately. Inhalation - (See EXPOSURE CONTROLS) if not shown then vapour inhalation not considered a hazard at ambient temperature. In the case of inhalation of spray remove affected person to fresh air and seek medical attention.

5. FIRE FIGHTING MEASURES

This product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

SPILLAGE: Warn personnel - Cleaning products are frequently oily and present a slip hazard. Contain spillage with sand or earth, avoid contact with skin or eyes, failure to contain a spillage must be reported to the authorities. DO NOT ALLOW PRODUCT TO ENTER SURFACE WATER DRAINS.

7. HANDLING AND STORAGE

Store away from food. Keep containers tightly closed and out of reach of children. Store at temperatures above 5°C and below 30°C. SHELF LIFE: Normal storage conditions - 1 year.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION



OEL:

9. PHYSICAL/CHEMICAL PROPERTIES

Appearance: White Powder

pH:

Flash point: N/A

Freezing Point: 0°C

Density: 0

Boiling Point: 100°C

Issue Date: 01/04/08

Page 1 of 3

Safety Data Sheet for e-hygiene Decarbonizer

Safety Data Sheet (SDS)

Decarbonizer

10. STABILITY REACTIVITY:

Stability: Stable under normal conditions

Conditions to avoid: Avoid contact with strong acids

Products of decomposition: None

11. TOXICOLOGICAL INFORMATION

Inhalation: May cause severe internal injury.

Ingestion: May cause severe burns to mucous membranes.

Skin Contact: May cause serious chemical burns.

Eye Contact: Causes burns.

12. ECOLOGICAL INFORMATION

Product biodegradable. Do not release into surface waters.

The surfactants used in this preparation comply with the biodegradability criteria laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

13. DISPOSAL CONSIDERATIONS

When disposing of surplus or waste product use suitable PPE etc. ensuring empty containers are rinsed out and disposed of safely. Do not allow product to enter land or surface water drains. Dispose of in accordance with local authority regulations. Do not mix with other waste materials.

14. TRANSPORT INFORMATION

None

Packing Group None

15. REGULATORY INFORMATION:

IRRITANT Xi; R36/38



(36/38) Irritating to eyes and skin.

(2) Keep out of reach of children, (24/25) Avoid contact with skin and eyes, (26) In case of contact with eyes, rinse immediately with plenty of water and seek medical advice, (28) After contact with skin, wash immediately with plenty of water, (37/39) Wear suitable gloves and eye/face protection, (62) If swallowed do not induce vomiting, seek medical advice immediately and show this label.

NOTE: This data sheet does not constitute a user's assessment of workplace risk as required by HSW act, COSHH, management of health and safety at work regulations, or other health and safety legislation.

Actual label may not be as above if product was supplied some time previously or labelling is in transition period.

Applicable Regulation: Chemicals (Hazard Information and Packaging for Supply) Regulations 2002: CHIP 3

16. OTHER INFORMATION

Product uses:

Directions:

For Floors, Walls and Heavily Soiled/Greasy Surfaces: 60-120g per 5L of Hot Water. Remove gross soiling by scraping/brushing surface initially and then brush in the e-hygiene solution. Leave in contact for as long as possible before thoroughly rinsing off with clean water.

Paint Cleaning: For routine cleaning of painted surfaces use 7-15g per 5L of water. Rinse off with clean water. For preparation and stripping of surfaces prior to complete redecoration use 60-120g per 5L of water.

Steam Cleaning: 30-60g per 5L of water in the detergent solution tank.

Catering Cleaning: (Chip Fryers, Automatic Dishwashing Machines) Use 30-60g per 5L of hot water. Drain machine of oil,

Safety Data Sheet (SDS)

Decarbonizer

grease, etc. prior to cleaning and then fill with hot Teepol solution. If possible brush surfaces and leave product in contact for as long as possible. Drain and thoroughly rinse off with clean water.

Unless otherwise stated all percentages are w/w

GLOSSARY:	PPE	Personal protective equipment
	N/A	Not applicable
	N/K	Not known
	OES	Occupational exposure limit
	TWA	Time weighted average
	w/v	Weight to volume
	w/w	Weight to weight

The data contained in this Safety Data Sheet has been supplied for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

PLEASE ENSURE THAT IT IS PASSED TO THE APPROPRIATE PERSON(S) IN YOUR COMPANY, WHO ARE CAPABLE OF ACTING ON THE INFORMATION.

The information contained in this document is based on information believed to be correct on the date of issue. No warranty or representation, expressed or implied, is made as to the accuracy or completeness of this information. The user assumes all liability for any damage or injury resulting from abnormal use, from the failure to adhere to recommended practises, or from hazards inherent in the nature of the product. In accordance with our policy of incorporating technical improvements, we reserve the right to amend any specification without notice.