

# Safety Data Sheet (SDS)

## Dishmachine Hardwater Detergent

### 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

Trade Name	Description	Unit	Stock Code
e-hygiene	Dishmachine Hardwater Detergent	2 x 5L UNII (Euro)	DISHM0546
e-hygiene	Dishmachine Hardwater Detergent	10 L Drum (Euro)	DISHM0545

**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	%
Pentasodium Diethylenetriaminepentaacetate	140-01-2	205-391-3	Xi; R36	5-15
Sodium Hydroxide	1310-73-2	215-185-5	C; R35	5-15
Trisodium Nitriloacetate	5064-31-3	225-768-6	Xn; R22. Carc. Cat 3	<1

### 3. HAZARD IDENTIFICATION

Substance very corrosive to skin, eyes etc. Will corrode some metals especially aluminium. Large quantities harmful to the environment.

### 4. FIRST AID MEASURES

Eyes - In case of contact with eyes irrigate with water for at least 15 minutes. Obtain urgent 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 urgent medical attention. 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 urgent medical attention.

### 5. FIRE FIGHTING MEASURES

Extinguishing media: Material non-flammable Special fire fighting procedures: Material non-flammable

Hazardous decomposition products: If this product is involved in a fire, toxic products of combustion could be carbon dioxide, ammonia, nitrogen oxides, carbon monoxide. Use self-contained breathing equipment and use fire fighting equipment to suit the source of the fire.

### 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:** No Data

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### 9. PHYSICAL/CHEMICAL PROPERTIES

<i>Appearance:</i>	Odourless pale straw coloured liquid		
<i>pH:</i>	>13		
<i>Flash point:</i>	N/A	<i>Freezing Point:</i>	0°C
<i>Density:</i>	1.16	<i>Boiling Point:</i>	100°C

### 10. STABILITY & REACTIVITY

Stability: No stability concerns. Conditions and materials to avoid: Avoid contact with metals like aluminium, strong oxidisers, chlorine or chlorine producers Hazardous products of decomposition: Contact with aluminium may produce flammable hydrogen.

### 11. TOXICOLOGICAL INFORMATION

Health Hazards: Corrosive to organic tissue Inhalation: Inhalation of aerosol may cause lung damage or severe irritation to respiratory system Ingestion: May cause severe irritation or corrosion to mouth and digestive tract Eye contact: May cause severe irritation and will damage eyes if not washed out with water immediately Skin contact: Causes burns to skin

### 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

CORROSIVE LIQUID, N.O.S

Packing Group II UN Number 1760



### 15. REGULATORY INFORMATION:

CORROSIVE C; R35



(35) Causes severe burns.

(1/2) Keep locked up and out of reach of children, (26) In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. (37/39) Wear suitable gloves and eye/face protection, (45) In case of accident or if you feel unwell, 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

Contains Sodium Hydroxide.

*Product uses:*

Machine dish washing liquid for use in extreme hard water conditions.

*Directions:*

For use via dosing equipment please refer to machine manufacturer's instructions.  
(CONTAINS 10% SODIUM HYDROXIDE)

*Revision Date:* 15/02/2012

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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.

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