

PRODUCT DATA SHEET

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: MAGIC MACHINE CLEANER

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. PRODUCT IDENTIFIER

Product name Magic Machine Cleaner
REACH ALL INGREDIENTS IN THIS FORMULATION HAVE BEEN REGISTERED (WHERE REQUIRED) FOR APPLICABLE USES.

1.3. Details of the supplier of the safety data sheet

Company Erodex (UK) Ltd
Address Tipper Trading Estate, Park Road, Halesowen, West Midlands B63 2RH
Web www.erodex.com
Telephone +44 (0)1384 892011
Email sales@erodex.com

1.4. Emergency telephone number

Emergency telephone number Company Erodex (UK) Ltd +44 (0)1384 892011
Opening Hours: Monday - Friday 8AM - 5PM

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1. Classification - Xi; R36/38
1999/45/EC Symbols: Xi: Irritant.
Main hazards Irritating to eyes and skin.

2.1.2. Classification

EC 1272/2008 Skin Corr. 1A: H314;

2.2. Label elements

Hazard pictograms



Signal Word

Danger

Hazard Statement

Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.

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Precautionary Statement:
Prevention

P102 - Keep out of reach of children.
P264 - Wash thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

2.2. Label elements

Precautionary Statement:
Response

P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361 +P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351 +P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 -Immediately call a POISON CENTER/doctor/ .
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.

Precautionary Statement:
Storage

P405 - Store locked up.

Precautionary Statement:
Disposal

P501 - Dispose of contents/container to REQUIREMENTS OF LOCAL AUTHORITIES

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

67/548/EEC I 1999/45/EC

Chemical Name	Index No.	CASNo.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
trisodium nitrilotriacetate	607 -620-00-6	5064-31-3	225-768-6		I - 10%	Care. Cat. 3; R40 Xn; R22 Xi; R36	
LAURYL BETAINE		66455-29-6	266-368-1		I - 10%	Xi; R38-41	
SODIUM METASILICATE PENTA HYDRATE		6834-92-0	229-912-9	01-2119449811-37	I - 10%	C; R34	
ALCOHOL ETHOXYLATE		68439-46-3			I - 10%	Xn; R22 Xi; R41	
Ethanolamine (2-Aminoethanol)	603-030-00-8	141-43-5	205-483-3	01-2119486455-28	I - 10%	I - 10% Xn; R20/21/22 C; R34	
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5	01-2119457892-27 -xxxx	0 - 0.5%	C; R35	

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Chemical Name	Index No.	CASNo.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
WATER					80 - 90%		
trisodium nitrilotriacetate	607-620-00-6	5064-31-3	225-768-6		1 - 10%	Care. 2: H351; Acute Tox. 4: H302; Eye Irrit. 2: H319;	
LAURYL BETAINE		66455-29-6	266-368-1		1 - 10%		
SODIUM METASILICATE PENTA HYDRATE		6834-92-0	229-912-9	01-2119449811-37	1 - 10%		
ALCOHOL ETHOXYLATE		68439-46-3			1 - 10%	Acute Tox. 4: H302; Eye Dam. 1: H318;	
Ethanolamine (2-Aminoethanol)	603-030-00-8	141-43-5	205-483-3	01-2119486455-28	1 - 10%	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 18: H314;	
ANTI FOAM					0-0.5%		
Sodium hydroxide	011-002-00-6	1310-73-2	215-185-5	01-2119457892-27-XXXX	0-0.5%	Skin Corr. 1A: H314;	

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation	Irritating to respiratory system. Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Irritating to eyes. Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Skin contact	Irritating to skin. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if irritation or symptoms persist. DO NOT INDUCE VOMITING.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Carbon dioxide (CO₂).

5.2. Special hazards arising from the substance or mixture

Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Wear suitable respiratory equipment when necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation of the working area. Wear suitable protective equipment.

6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.1.1. Exposure Limit Values

Ethanolamine (2-Aminoethanol)	WEL 8-hr limit ppm: 1 WEL 15 min limit ppm: 3 WEL 8-hr limit mg/m ³ total inhalable dust: WEL 8-hr limit mg/m ³ total - respirable dust:	WEL 8-hr limit mg/m ³ : 2.5 WEL 15 min limit mg/m ³ : 7.6 WEL 15 min limit mg/m ³ total - inhalable dust: WEL 15 min limit mg/m ³ total - respirable dust:
Sodium hydroxide	WEL 8-hr limit ppm: - WEL 15 min limit ppm: - WEL 8-hr limit mg/m ³ total inhalable dust: WEL 8-hr limit mg/m ³ total respirable dust:	WEL 8-hr limit mg/m ³ :- WEL 15 min limit mg/m ³ : 2 WEL 15 min limit mg/m ³ total inhalable dust: WEL 15 min limit mg/m ³ total respirable dust:

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8.2. Exposure controls

8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

8.2.2. Individual protection measures

Wear chemical protective clothing.

Eye / face protection

Approved safety goggles.

Skin protection - Hand protection

Chemical resistant gloves (PVC).

Respiratory protection

Wear suitable respiratory equipment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Blue
Odour	Slight
pH 12.0	NOMINAL
Relative density	1.035 NOMINAL
Water solubility	Soluble in water.

SECTION 10: STABILITY AND REACTIVITY

10.2. Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Strong oxidising agents.

10.6. Hazardous decomposition products

Burning produces irritating, toxic and obnoxious fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Skin corrosion/irritation

Irritating to eyes and skin.

SECTION 12: Ecological information

12.1. Toxicity

No data is available on this product.

12.2 Persistence and degradability

DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE.

SECTION 13: DISPOSAL CONSIDERATIONS

General information Dispose of in compliance with all local and national regulations.

SECTION 14: TRANSPORT INFORMATION

Further information The product is not classified as dangerous for carriage.

SECTION 15: REGULATORY INFORMATION

15.2. Chemical safety assessment No chemical Safety assessment has been carried out by the supplier.

SECTION 16: Other information

Other information

Revision

This document differs from the previous version in the following areas:

- 1 - REACH.
- 2 - 2.1.2. Classification - EC 1272/2008.
- 2 - Hazard pictograms.
- 2 - Signal Word.
- 2 - Precautionary Statement: Prevention.
- 2 - Precautionary Statement: Response.
- 2 - Precautionary Statement: Storage.
- 2 - Precautionary Statement: Disposal.

Other information

- 9 - 9.1. Information on basic physical and chemical properties (Appearance).
- 9 - 9.1. Information on basic physical and chemical properties (Colour).
- 9 - 9.1. Information on basic physical and chemical properties (Odour).
- 12 - 12.1. Toxicity.
- 15 - 15.2. Chemical safety assessment.

Text of risk phrases in Section 3

- R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.
- R22 - Harmful if swallowed.
- R34 - Causes burns.
- R35 - Causes severe burns.
- R36 - Irritating to eyes.
- R38 - Irritating to skin.
- R40 - Limited evidence of a carcinogenic effect.
- R41 - Risk of serious damage to eyes.

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Text of Hazard Statements in Section 3

Acute Tox. 4: H302 - Harmful if swallowed.

Eye Irrit. 2: H319 - Causes serious eye irritation.

Carc. 2: H351 - Suspected of causing cancer .

Eye Dam. 1: H318- Causes serious eye damage.

Acute Tox. 4: H312 - Harmful in contact with skin.

Skin Corr. 18: H314 - Causes severe skin burns and eye damage.

Acute Tox. 4: H332 - Harmful if inhaled.

Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.

Further information

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.