

SAFETY DATA SHEET

PRODUCT NAME: RUST REMOVER

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

1.1. PRODUCT IDENTIFIER

Product name RUST REMOVER

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 - 1999/45/EC XI; R36/38
SYMBOLS: XI: IRRITANT.
MAIN HAZARDS IRRITATING TO EYES AND SKIN.

2.1.2. CLASSIFICATION - EC 1272/2008 SKIN CORR. 1A: H314; STOT SE 2: H371;

2.2. Label elements

Hazard pictograms



Signal Word

Danger

Hazard Statement

Skin Corr. 1A: H314 - Causes severe skin burns and eye damage.
STOT SE 2: H371 - May cause damage to organs .

Precautionary Statement:
Prevention

P260 - Do not breathe dust/fume/gas/misUvapours/spray.
P264 - Wash thoroughly after handling.
P270 - Do no eat, drink or smoke when using this product.
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.
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351 +P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
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 AUTHORITY

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.
Phosphoric acid. . % (Orthophosphoric acid)	015-011-00-6	7664-38-2	231-633-2	01-2119485924-24 -xxxx		C; R34	
ALCOHOL ETHOXYLATE		68439-46-3				Xn; R22 Xi; R41	
2 BUTOXY ETHANOL (2-Butoxyethanol)		111-76-2	203-905-0			Xn; R20/21/22 Xi; R36/38	
EP 11160 (METHANOL) (Methanol)	603-001-00-X	67-56-1	200-659-6			F; R11 T; R23/24/25-39/23/24/25	

EC 1272/2008

Chemical Name	Index No.	CASNo.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification	M-factor.
Phosphoric acid ... % (Orthophosphoric acid)	015-011-00-6	7664-38-2	231-633-2	01-2119485924-24 -xxxx		Skin Corr. 1 B: H314;	
WATER							
ALCOHOL ETHOXYLATE		68439-46-3				Acute Tox. 4: H302; Eye Dam. 1: H318;	
2 BUTOXY ETHANOL (2-Butoxyethanol)		111-76-2	203-905-0			Acute Tox. 4: H302; Acute Tox. 4: H312; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Acute Tox. 4: H332;	
EP 11160 (METHANOL) (Methanol)	603-001-00-X	67-56-1	200-659-6			Flam. Liq. 2: H225; Acute Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; STOT SE 1: H370;	
PERFUME							
Dipentene	601-029-00-7	138-86-3	205-341-0			Flam. Liq. 3: H226; Skin Irrit. 2: H315; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410;	
HEXYL CINNAMAL		101-86-0					
DYE							

SECTION 4: FIRST AID MEASURES

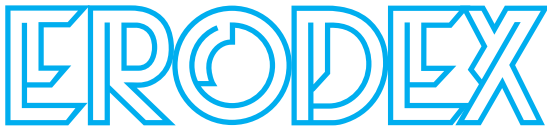
4.1. Description of first aid measures

Inhalation	May cause irritation to respiratory system. Move the exposed person to fresh air. Seek medical attention.
Eye contact	Causes severe inflammation and may damage the cornea. Seek medical attention.
Skin contact plenty	May cause severe irritation to eyes and skin. Wash off immediately with of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.
Ingestion	Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITING. Ingestion is irritating to the respiratory tract and may cause damage to the central nervous system. If swallowed, seek medical advice immediately and show this container or label.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Alcohol resistant foam. Carbon dioxide (CO2).



T H E L E A D I N G E D G E

PRODUCT DATA SHEET

5.2. Special hazards arising from the substance or mixture

Corrosive. Burning produces irritating, toxic and obnoxious fumes.

5.3. Advice for firefighters

Self-contained breathing apparatus. Wear protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate personnel to a safe 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. 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.

7.2. Conditions for safe storage, including any incompatibilities

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

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.1.1. Exposure Limit Values

2 BUTOXY ETHANOL
(2-Butoxyethanol)

WEL 8-hr limit ppm: 25

WEL 8-hr limit mg/m³: 123

WEL 15 min limit ppm: 50

WEL 15 min limit mg/m³: 101.2

WEL 8-hr limit mg/m³ total -
inhalable dust:

WEL 15 min limit mg/m³ total -
inhalable dust:

WEL 8-hr limit mg/m³ total -
respirable dust:

WEL 15 min limit mg/m³ total -
respirable dust:

EP 11160 (METHANOL)
(Methanol)

WEL 8-hr limit ppm: 200

WEL 8-hr limit mg/m3: 266

WEL 15 min limit ppm: 250

WEL 15 min limit mg/m3: 333

WEL 8-hr limit mg/m3 total -
inhalable dust:

WEL 15 min limit mg/m3 total -
inhalable dust:

WEL 8-hr limit mg/m3 total -
respirable dust:

WEL 15 min limit mg/m3 total -
respirable dust:

Phosphoric acid ... %
(Orthophosphoric acid)

WEL 8-hr limit ppm: -

WEL 8-hr limit mg/m3: 1

WEL 15 min limit ppm: -

WEL 15 min limit mg/m3: 2

WEL 8-hr limit mg/m3 total -
inhalable dust:

WEL 15 min limit mg/m3 total -
inhalable dust:

WEL 8-hr limit mg/m3 total -
respirable dust:

WEL 15 min limit mg/m3 total -
respirable dust:

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Not normally required.

8.2.2. Individual protection measures

Wear chemical protective clothing.

Eye I face protection

Approved safety goggles.

Skin protection - Hand protection

Chemical resistant gloves (PVC).

Respiratory protection

Not normally required. Wear suitable respiratory equipment when necessary.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

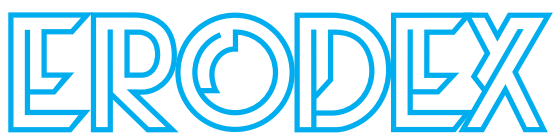
9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Clear
Odour	Characteristic
pH	1.5
Initial boiling point	100
Relative density	1.11 NOMINAL
Water solubility	Soluble in water.

SECTION 10: Stability and reactivity

10.2. Chemical stability

Stable under normal conditions. REACTS WITH HYPOCHLORITES(BLEACH) TO GIVE OFF TOXIC FUMES OF CHLORINE.



THE LEADING EDGE

PRODUCT DATA SHEET

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Skin corrosion/irritation	Irritating to eyes and skin. Seek medical attention if irritation or symptoms persist.
Repeated or prolonged exposure	Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

SECTION 12: ECOLOGICAL INFORMATION

12.2. Persistence and degradability

DETERGENTS IN THIS FORMULATION ARE >90% BIODEGRADABLE. Inorganic materials are inherently not biodegradable however those present in this formulation/product are either of no known significant environmental hazard or are readily neutralised to form inert salts.

SECTION 13: DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations.
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SECTION 14: TRANSPORT INFORMATION

Further information	The product is not classified as dangerous for carriage.
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SECTION 15: Regulatory information

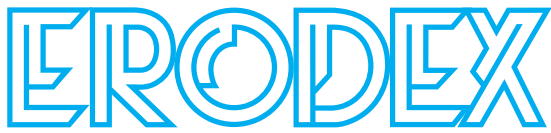
15.2. Chemical safety assessment

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: 2 - Precautionary Statement: Response.
Text of risk phrases in Section 3	R11 - Highly flammable. R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed. R22 - Harmful if swallowed. R23/24/25 - Toxic by inhalation, in contact with skin and if swallowed. R34 - Causes burns. R36/38 - Irritating to eyes and skin. R39/23/24/25 - Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed. R41 - Risk of serious damage to eyes.



T H E L E A D I N G E D G E

PRODUCT DATA SHEET

Text of Hazard Statements
in Section 3

Skin Corr. 1 B: H314 - Causes severe skin burns and eye damage.
Acute Tox. 4: H302 - Harmful if swallowed.
Eye Dam. 1: H318 - Causes serious eye damage.
Acute Tox. 4: H312 - Harmful in contact with skin.
Skin Irrit. 2: H315 - Causes skin irritation.
Eye Irrit. 2: H319 - Causes serious eye irritation.
Acute Tox. 4: H332 - Harmful if inhaled.
Flam. Liq. 2: H225 - Highly flammable liquid and vapour.
Acute Tox. 3: H301 - Toxic if swallowed.
Acute Tox. 3: H311 - Toxic in contact with skin.
Acute Tox. 3: H331 - Toxic if inhaled.
STOT SE 1: H370 - Causes damage to organs
Flam. Liq. 3: H226 - Flammable liquid and vapour.
Skin Sens. 1: H317 - May cause an allergic skin reaction.
Aquatic Chronic 1: H410 - Very toxic to aquatic life with long lasting effects.

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.