

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

PRODUCT NAME: Rust Remover (1 Litre)
PART NO: 3051097
COMPANY IDENTIFICATION: CLARKE INTERNATIONAL,
HEMNALL STREET, EPPING, ESSEX. CM16 4LG
BUSINESS TELEPHONE: 01992 565300
BUSINESS FAX: 01992 561562
EMERGENCY TELEPHONE: 020 89887400

2. COMPOSITION/INFORMATION ON INGREDIENTS:

Hazardous ingredients

	Conc.	CAS	EINECS	Risks
Methanol	1-10%	67-56-1	200-659-6	T;R23/24/25-39/23/24/25
Dipentene	0-0.5%	138-86-3	205-341-0	R10 Xi;R38 Xi;R43 N;R50/53
ALCOHOL ETHOXYLATE	1-10%	68439-45-2		Xn;R22 Xi;R36 Xi;R38
WATER	50-60%			
Orthophosphoric acid...%	20-30%	7664-38-2	231-633-2	C;R34
2 BUTOXY ETHANOL	1-10%	111-76-2	203-905-0	Xn;R20 Xn;R21 Xn;R22 Xi;R36 Xi;R38
PERFUME	0-0.5%			
DYE				
HEXYL CINNAMAL	0-0.5%	101-86-0		Xi;R43

3. HAZARDS IDENTIFICATION:

Main hazards Causes burns.

4. FIRST AID MEASURES:

Skin contact Causes burns. Wash off immediately with plenty of soap and water. Remove contaminated clothing. Seek medical attention if irritation or symptoms persist.

Eye contact Causes burns. Causes severe inflammation and may damage cornea. Seek medical attention.

Inhalation Inhalation of vapour may cause shortness of breath. Move the exposed person to fresh air. Seek medical attention.

Ingestion Ingestion causes burns to the respiratory tract. DO NOT INDUCE VOMITTING. 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.

5. FIRE FIGHTING MEASURES:

Extinguishing media Alcohol resistant foam. Carbon dioxide (CO₂).

Fire hazards C – Corrosive. Burning produces irritating, toxic and obnoxious fumes.

Protective equipment Self-contained breathing apparatus. Wear protective clothing.

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.

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

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Clean up methods

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

7. HANDLING & STORAGE:

Handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area.

Storage

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

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Exposure Limits

Methanol	WEL 8-hr limit ppm: 200 WEL 15 min limit ppm:250	WEL 8-hr limit mg/m3:266 WEL 15 min limit mg/m3: 333
Orthophosphoric acid	WEL 8-hr limit ppm:- WEL 15 min limit ppm:	WEL 8-hr limit mg/m3:1 WEL 15 min limit mg/m3: 2
2-Butoxyethanol	WEL 8-hr limit ppm: 25 WEL 15 min limit ppm:50	WEL 8-hr limit mg/m3:- WEL 15 min limit mg/m3:-

Engineering measures

Ensure adequate ventilation of the working area.

Respiratory protection

Self-contained breathing apparatus must be used in handling.

Hand protection

Chemical resistant gloves (PVC).

Eye protection

Approved safety goggles.

Protective equipment

Wear chemical protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Description

Liquid.

Colour

Clear.

Odour

Characteristic.

pH

1.5 nominal

Boiling point

100°C

Relative density

1.150 nominal

10. STABILITY AND REACTIVITY:

Stability

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

11. TOXICOLOGICAL INFORMATION:

Corrosivity

Irritating to eyes and skin. Seek medical attention if irritation or symptoms persist.

Related or prolonged exposure

Prolonged or repeated exposure may cause irritation to skin and mucous membranes.

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12. ECOLOGICAL INFORMATION:

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.

13. DISPOSAL CONSIDERATIONS:

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

14. TRANSPORT INFORMATION:

ADR/RID

UN 1805 **Packing group III**
Class 8 **Hazard ID 80**
Proper Shipping Name PHOSPHORIC ACID, LIQUID

IMDG

UN 1805 **Packing group III**
Class 8 **Marine pollutant NO**
EmS Code F-A S-B

IATA

UN 1805 **Packing group III**
Class 8 **Subsidiary risk –**
Packing Instruction 821 **Maximum quantity 60 L**
(Cargo)
Packing Instruction 819 **Maximum quantity 5L**
(Passenger)

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

15. REGULATORY INFORMATION:

Labelling The product is classified in accordance with 67/548/EEC.

Symbols C – Corrosive

Risk phrases R34 – Causes burns.

Safety phrases S1/2 – Keep locked up and out of the reach of children.
S14 – Keep away from bleach.
S24/25 – Avoid contact with skin and eyes.
S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 – After contact with skin, wash immediately with plenty of water
S36/37/39 – Wear suitable protective clothing, gloves and eye/face protection.
S45 – In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

16. OTHER INFORMATION:

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Text of risk phrases In Section 2

R10 – Flammable
R20 – Harmful by inhalation
R21 – Harmful in contact with skin.
R22 – Harmful if swallowed.
R23/24/25 – Toxic by inhalation, in contact with skin and if swallowed.
R34 – Causes burns.
R36 – Irritating to eyes.
R38 – Irritating to skin.
R39/23/24/25 – Toxic: danger of very serious irreversible effects through inhalation, in contact with skin and if swallowed.
R43 – May cause sensitisation by skin contact.
R50/53 – Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 implied.

Last updated: 14th July 2006