

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

SUBSTANCE NAME: CONCRETE CLEANER
PART NO: 3051049
COMPANY IDENTIFICATION: CLARKE INTERNATIONAL,
HEMNALL STREET, EPPING, ESSEX. CM16 4LG

BUSINESS TELEPHONE: 01992 565300
BUSINESS FAX: 01992 561562
EMERGENCY TELEPHONE: 01325 488550

2. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME	CONTENTS	HEALTH RISK (class) (R.No.)
Water	> 50%	None
Hydrochloric Acid	< 25%	R36/37/38
Inhibitor	< 1%	None
Alkylphenol Ethoxylate	< 10%	None

3. HAZARDS IDENTIFICATION:

Non flammable corrosive liquid. May liberate hydrochloric fumes and chlorine gases on heating. Irritating to respiratory system. Irritating to eyes and skin. Contact with metals may produce explosive gas (hydrogen).

4. FIRST AID MEASURES:

FIRST AID:

In the event of:

Swallowing:

Discourage vomiting. Give plenty of milk or water to drink. Obtain immediate medical attention.

Inhalation of spray vapours:

Remove affected person to fresh air and seek medical advice in the case of prolonged effect.

Eye Contact:

Wash thoroughly with clean water and seek immediate medical attention.

Skin Contact:

Wash thoroughly with clean water. Seek medical attention for persistent irritation.

Splashes on clothing:

Remove contaminated clothing. Wash affected area of skin as above.

5. FIRE FIGHTING MEASURES:

NON FLAMMABLE. May decompose in a fire to produce hydrochloric fumes and chlorine gases. Therefore SCBA and full body protective clothing recommended.

6. ACCIDENTAL RELEASE MEASURES:

SPILL CLEANUP METHODS:

Small spillage may be diluted to waste with water.

For spillage's of greater than 10 litres use absorbent, non-combustible material then place in suitable containers. Containers to be collected by waste disposal contractors.

7. HANDLING & STORAGE:

USAGE PRECAUTIONS:

Avoid direct and prolonged contact with skin.

Remove any contaminated clothing that may come into contact with skin.

Avoid extremes of temperature. Keep out of direct sunlight.

Keep containers sealed until required.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME	STD	LT EXPST EXP (8 hrs)	(10 min)
Water	No standard		
Hydrochloric Acid	OES		7mgm-3

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Inhibitor No standard
Alkylphenol Ethoxylate No standard
Wear P.V.C./ rubber gloves and goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Clear liquid
Odour	Slight Acidic
Solubility	Soluble in water
Solubility Value	N/A
Specific Gravity	1.100 g/ml (nominal)
Ph	1.0 (nominal)
Flash point	N/A

10. STABILITY AND REACTIVITY:

Contact with concentrated sulphuric acid will liberate irritating fumes of hydrogen chloride gas. Contact with concentrated nitric acid liberates toxic fumes of nitrosyl chloride. Can liberate harmful gases from certain chemical salts, e.g. cyanides, nitrites, sulphites, acetylides and carbides. Reacts with oxidising agents to liberate toxic chlorine gas. Reactions with concentrated alkalis generate much heat. Liberates carbon dioxide from carbonates and bicarbonates. Corrosive to most metals.

11. TOXICOLOGICAL INFORMATION:

Calculated Values:
TOXIC DOSE (LC50) N/A
TOXIC DOSE (LD50) 2500 mg/kg – rat

12. ECOLOGICAL INFORMATION:

Product is non-biodegradable.
Ecotoxicity: Toxic to aquatic life forms 800ppm fresh water. 250ppm salt water.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:
See accidental release.

14. TRANSPORT INFORMATION:

UN No: 1789
ADR CLASS No:
AIR TRANSPORT CLASS No:
AIR SUB CLASS:
AIR PACK GR.:
HASCHEM CODE: 2R
SEA TRANSPORT CLASS No:
SEA PACK GR.:
RAIL TRANSPORT CLASS No:
CEFIC TEC (R) No:
UK LABEL FOR CONVEYANCE: Xi
PACKING GROUP III

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY: Xi
RISK PHRASES;
R-37 Irritating to respiratory system
R-36 Irritating to eyes
R-38 Irritating to skin
SAFETY PHRASES:
S-24/25 Avoid contact with skin and eyes.
S-2 Keep out of reach of children.
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. OTHER INFORMATION:

Product designation: CONCRETE CLEANER
LAST UPDATED : 09/07/97