

SAFETY DATA SHEET

1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY

SUBSTANCE NAME: **HYDROCHLORIC ACID PATIO AND BRICK CLEANER**

SYNONYMS, TRADE NAMES: **use to remove excess mortar ,remove concrete from concrete slabs & bricks, DO NOT USE ON NATURAL STONE**

COMPANY IDENTIFICATION:

**Lea Services (West Midlands) Limited
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Canalside Industrial Estate,
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Brierely Hill. DY5 3JU
West Midlands.**

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WARNING

HAZARD STATEMENT	PRECAUTIONARY STATEMENT
CAUSES EYE IRRITATION CAUSES SKIN IRRITATION	If in eyes rinse continuously with clean water for several minutes,remove contact lenses if present and easy to do so and continue rinsing
PHYSICAL HAZARD May be corrosive to metals	Keep out of reach of children. Take care to avoid mixing with combustibles

3. COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME	CONTENTS	HEALTH RISK (class) (R.No.)	
INGREDIENT NAME	CONTENTS	CAS No	HEALTH RISK Class risk no
Water	60%		none
Fatty Acid Ethoxylate	5%	68439-45-2	Xn R22/41
Hydrochloric Acid	9% ACTIVITY	7647-01-0	C R34/37

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 fumes of phosphorous pentoxide. 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.
Prevent large spillage from entering waterways and if necessary alert water authorities.

7. HANDLING & STORAGE:

Avoid extremes of temperature.
Keep out of direct sunlight.
Keep containers sealed until required.
Transportation always make sure lid is secure and tight no leaking.and transport in a safe upright manner in the boot or a box to prevent damage

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

INGREDIENT NAME	STD	LT EXP (8 hrs)	ST EXP (10 min)
Water	No standard		
Hydrochoric Acid	WEL 1mgm-3		3mgm-3
Fatty Acid Ethoxylate	No standard		
Dye	No standard		

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance: Clear liquid

Odour	Acidic
Solubility	Soluble in water
Solubility Value	N/A
Specific Gravity	1-12 g/ml (nominal)
Ph	2.0 (nominal)
Flash point	N/A

10. STABILITY AND REACTIVITY:

Materials to Avoid: Strong Oxidising Agents/Strong Alkalis, Bleach
Hazardous decomposition products: Fire creates phosphorous pentoxide
Mixing with chlorine release agents will produce chlorine gas. Contact with metals can produce hydrogen gas.

11. TOXICOLOGICAL INFORMATION:

TOXIC DOSE (LC50) N/A
TOXIC DOSE (LD50) > 10,000 mg/kg - rat

12. ECOLOGICAL INFORMATION:

Product is non-biodegradable.
Low concentrations may cause algal blooms in rivers.

13. DISPOSAL CONSIDERATIONS:

DISPOSAL METHODS:
See accidental release.

14. TRANSPORT INFORMATION:

UN No: 1789
ADR CLASS No:CLASS 8
AIR TRANSPORT
AIR SUB CLASS:
AIR PACK GR.:
HASCHEM CODE:
SEA TRANSPORT CLASS No:
SEA PACK GR.:
RAIL TRANSPORT CLASS No:
CEFIC TEC (R) No:
UK LABEL FOR CONVEYANCE: corrosive

15. REGULATORY INFORMATION:

LABEL FOR SUPPLY: warning

HEALTH HAZARD

H320 causes eye irritation.

PRECAUTIONARY STATEMENTS

. P305+351+308 If in eyes rinse continuously with clean water for several minutes,remove contact lenses if present and easy to do so and continue rinsing

P102 Keep out of reach of children.

P221 Take precaution to avoid mixing with combustibles

PHYSICAL HAZARD

H290 May be corrosive to metals

H316 Causes mild skin irritation

16. OTHER INFORMATION:

Product designation: Degreaser Descaler

LAST UPDATED : MAY 2024 P Cannon