



SAFETY DATA SHEET LIMESCALE REMOVER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME LIMESCALE REMOVER
PRODUCT NO. PS0132
APPLICATION Removes limescale stains around waste outlets, taps and shower heads.
SUPPLIER Punch Industries
Wallingstown
Little Island
Co. Cork
Ireland
Tel. 00353 21 500 3330
Fax. 00353 21 435 4392
sds@punchindustries.com
EMERGENCY TELEPHONE 00353 21 500 3330

2 HAZARDS IDENTIFICATION

Irritating to eyes and skin.

CLASSIFICATION Xi;R36/38.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
PHOSPHORIC ACID ...%	231-633-2	7664-38-2	10-30%	C;R34
C9-11 PARETH-6		68439-46-3	1-5%	Xn;R22. Xi;R41.
2-BUTOXYETHANOL	203-905-0	111-76-2	< 1%	Xn;R20/21/22 Xi;R36/38

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

INGESTION

DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids.

Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

LIMESCALE REMOVER

PERSONAL PRECAUTIONS

Provide adequate ventilation.

ENVIRONMENTAL PRECAUTIONS

Collect and dispose of spillage as indicated in section 13.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Provide good ventilation. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

STORAGE PRECAUTIONS

Store in cool, dry, ventilated area. Keep in original container.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
2-BUTOXYETHANOL	WEL	25 ppm(Sk)		50 ppm(Sk)		
PHOSPHORIC ACID ...%	WEL		1 mg/m3		2 mg/m3	

WEL = Workplace Exposure Limit.

ENGINEERING MEASURES

Provide adequate ventilation.

RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

HAND PROTECTION

Wear protective gloves.

EYE PROTECTION

Safety goggles required for handling of bulk product. Wear approved, tight fitting safety glasses where splashing is probable.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Blue
ODOUR	Characteristic
SOLUBILITY	Completely soluble in water

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

11 TOXICOLOGICAL INFORMATION

GENERAL INFORMATION

No specific health warnings noted.

SKIN CONTACT

Liquid may irritate skin.

EYE CONTACT

Splashes may irritate.

12 ECOLOGICAL INFORMATION

LIMESCALE REMOVER

ECOTOXICITY

Not regarded as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

	No transport warning sign required.
ROAD TRANSPORT NOTES	Not Classified
RAIL TRANSPORT NOTES	Not Classified.
SEA TRANSPORT NOTES	Not Classified.
AIR TRANSPORT NOTES	Not Classified.

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES

R36/38 Irritating to eyes and skin.

SAFETY PHRASES

S2 Keep out of the reach of children
S46 If swallowed, seek medical advice immediately and show this container or label.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

DETERGENT LABELLING

< 5% Non-ionic surfactants

16 OTHER INFORMATION

REV. NO./REPL. SDS GENERATED	3
DATE	29/07/09
SIGNATURE	Gerry Clancy (Technical Manager)

RISK PHRASES IN FULL

R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R22	Harmful if swallowed.
R34	Causes burns.
R36/38	Irritating to eyes and skin.
R41	Risk of serious damage to eyes.

DISCLAIMER

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 process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.