

SAFETY DATA SHEET

DE-RUST THIN - SYSTEM DE-SCALER

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

PRODUCT NAME DE-RUST THIN - SYSTEM DE-SCALER
INTERNAL ID C105
APPLICATION Etchant / cleaner.
SUPPLIER ARROW CLEANING & HYGIENE SOLUTIONS
RAWDON ROAD
MOIRA, SWADLINCOTE
DERBYSHIRE
DE12 6DA
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2 HAZARDS IDENTIFICATION

Causes severe burns.

CLASSIFICATION (1999/45) C;R35.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
PHOSPHORIC ACID ...%	231-633-2	7664-38-2	30-60%	C;R34
CORROSION PREVENTATIVE			0-1%	Xn;R20/21/22. C;R34. R10,R43,R52/53.

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

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once.

INGESTION

Rinse mouth thoroughly. DO NOT induce vomiting. Get medical attention immediately.

SKIN CONTACT

Rinse the skin immediately with lots of water. Get medical attention immediately.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue to rinse.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Wear protective clothing as described in Section 8 of this safety data sheet.

ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto the ground.

SPILL CLEAN UP METHODS

Collect spillage in containers, seal securely and deliver for disposal according to local regulations. Flush with plenty of water to clean spillage area.

7 HANDLING AND STORAGE

DE-RUST THIN - SYSTEM DE-SCALER

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry and cool place.

STORAGE CLASS

Corrosive storage.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
PHOSPHORIC ACID ...%	WEL		1 mg/m3		2 mg/m3	

WEL = Workplace Exposure Limit.

PROTECTIVE EQUIPMENT



HAND PROTECTION

Use protective gloves. Use protective gloves made of: Neoprene, nitrile, polyethylene or PVC.

EYE PROTECTION

Wear approved safety goggles.

HYGIENE MEASURES

Wash promptly with soap & water if skin becomes contaminated. Wash contaminated clothing before reuse.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	Light Pink
ODOUR	Acidic.
RELATIVE DENSITY	1.28
pH-VALUE, CONC. SOLUTION	<2.0

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

MATERIALS TO AVOID

Strong alkalis.

11 TOXICOLOGICAL INFORMATION

INHALATION

Irritating to respiratory system.

INGESTION

Causes severe burns.

SKIN CONTACT

Causes severe burns.

EYE CONTACT

Causes severe burns.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Not regarded as dangerous for the environment.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

DE-RUST THIN - SYSTEM DE-SCALER

14 TRANSPORT INFORMATION



PROPER SHIPPING NAME	CORROSIVE LIQUID N.O.S.(Phosphoric acid)
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.
UN NO. ROAD	1760
ADR CLASS NO.	8
ADR PACK GROUP	II
TUNNEL RESTRICTION CODE	(E)
UN NO. SEA	1760
IMDG PACK GR.	II
UN NO. AIR	1760
AIR PACK GR.	II

15 REGULATORY INFORMATION

LABELLING



Corrosive

CONTAINS	PHOSPHORIC ACID 42.3075%
RISK PHRASES	R35 Causes severe burns.
SAFETY PHRASES	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. 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 label where possible). S35 This material and its container must be disposed of in a safe way. P14 Contains CORROSION PREVENTATIVE. May produce an allergic reaction.

Detergent Labelling:

< 5% Non-ionic surfactants

UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC.

STATUTORY INSTRUMENTS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

GUIDANCE NOTES

Workplace Exposure Limits EH40.

16 OTHER INFORMATION

GENERAL INFORMATION

Only trained personnel should use this material.

REVISION DATE 04/05/2011

DE-RUST THIN - SYSTEM DE-SCALER

RISK PHRASES IN FULL

R34	Causes burns.
R10	Flammable.
R20/21/22	Harmful by inhalation, in contact with skin and if swallowed.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R43	May cause sensitisation by skin contact.

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.