



Punch

SAFETY DATA SHEET COPPER & BRASS CLEANER

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

PRODUCT NAME COPPER & BRASS CLEANER
PRODUCT NO. PDO048C
APPLICATION Removes tarnish marks, rust, oil and grease stains leaving a brilliant shine.
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2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
PHOSPHORIC ACID ...%	231-633-2	7664-38-2	1-5%	C;R34
FATTY ALCOHOL POLYGLYCOL ETHER	500-027-2	9043-30-5	1-5%	Xn;R22. Xi;R41.
PHOSPHONO-CARBOXYLIC ACIDS		143239-08-1	< 1%	N;R51/53. R43.

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

COPPER & BRASS CLEANER

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

Keep in original container. Store in cool, dry place.

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.

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

For prolonged or repeated skin contact use suitable protective gloves.

EYE PROTECTION

Safety goggles required for handling of bulk product.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
COLOUR	White / off-white
ODOUR	Characteristic
SOLUBILITY	Completely soluble in water

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

11 TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION

Risk of allergic reaction among sensitive individuals.

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.

COPPER & BRASS CLEANER

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

RISK PHRASES	NC	Not classified.
SAFETY PHRASES	P14	Contains PHOSPHONO-CARBOXYLIC ACIDS. May produce an allergic reaction.
DETERGENT LABELLING	< 5%	Non-ionic surfactants Amphoteric surfactants Perfumes
	Contains	1,2-BENZISOTHIAZOL-3(2H)-ONE,d-LIMONENE,2-METHYL-2H-ISOTHIAZOL-3-ONE

16 OTHER INFORMATION

REV. NO./REPL. SDS GENERATED	3
DATE	16/09/09
SIGNATURE	Gerry Clancy
RISK PHRASES IN FULL	
R22	Harmful if swallowed.
R34	Causes burns.
R41	Risk of serious damage to eyes.
R43	May cause sensitisation by skin contact.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.