

Material Safety Data Sheet

Product Name: **OPTIMAX DESCALE**

Product No: **4874**

UN No: **1805** D. G. Class: **8** Sub Risk: Pack. Grp: **III** Hazchem: **2R**
Poisons Schedule No: **5**

Hazardous according to the criteria of NOHSC

R34 Causes burns

R41 Risk of serious damage to eyes

S24/25 Avoid contact with skin and eyes

S37/39 Wear suitable gloves and eye/face protection

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a Doctor or Poisons Information Centre

PRODUCT IDENTIFICATION

Other Names: Phosphoric Acid Mixture

Physical Properties:

Appearance:	Clear green liquid, no odour	Specific Gravity:	1.350
Flash Point:	Non-flammable	pH:	less than 1
Flammability Limits:	N/A	Vapour Pressure:	3.4
Solubility in Water:	100 %	Boiling Range:	110 - 170 °
Volatile Component:	30%		

Use: Acid Cleaner

Ingredients:

Phosphoric Acid
Nonyl Phenol Ethoxylate
Water

CAS No:

7664-38-2
39587-22-9
7732-18-5

Proportion:

30 - 60%
< 10%
20 - 80%

Material Safety Data Sheet

HEALTH HAZARD INFORMATION

Health Effects:

Acute (short term):

Eye: Will cause severe damage to eyes if not treated immediately

Skin: Causes burns

Inhalation: Inhalation of dust or mists will result in respiratory irritation

Swallowed: Harmful if swallowed. Will cause damage to gastrointestinal tract

Chronic (long term): No information available.

First Aid:

Swallowed: Do NOT induce vomiting. Give milk or water to drink. Seek Medical Advice.

Skin: Remove contaminated clothing and launder before re-use. Wash affected areas thoroughly. If necessary seek Medical Advice.

Eyes: Hold eye open and flush with running water for 15 minutes. SEEK IMMEDIATE MEDICAL ADVICE.

Inhaled: Remove victim to fresh air. If victim does not respond immediately seek Medical Advice.

Advice to doctor: Treat symptomatically. Product is a strong acid

OPTIMAX DESCALE

Material Safety Data Sheet

PRECAUTIONS FOR USE

Exposure Standards: Phosphoric Acid TWA 1mg/m3

Engineering Controls: Compatible with all materials of construction except aluminium and zinc.

Personal Protection: Cartridge respirator for mists. PVC or rubber gloves. Face Mask or goggles.
PVC Boots and apron.

Flammability: Non-flammable

SAFE HANDLING AND DISPOSAL INFORMATION

Storage and Transport: Must be packed into polythene or stainless steel.

Spills and Disposal: Absorb onto inert material and collect. May be diluted and neutralised with Lime or Soda Ash. Must be neutralised before disposal to sewer.

Fire/Explosion Hazard: Product is not flammable but is combustible. Keep containers cool and remove from fire if possible

The information in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to its use together with any other material or in any process.

Contact Phone: (02) 4956 5500
ask for technical assistance

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