

WATTYL NEW ZEALAND LIMITED
2 PATIKI ROAD, AVONDALE
PO BOX 1545, AUCKLAND
TELEPHONE NUMBER (09) 820 6700
FACSIMILE NUMBER (09) 820 6767

PRODUCT SAFETY CARD

ISSUED 16.06.99

PRODUCT: 814522

KILLRUST METAL PREP

PRODUCT IDENTIFICATION

UN NO:1805	DG CLASS: 8 CORROSIVE
POISON: NA	PKG GROUP N/A

PHYSICAL DESCRIPTION / PROPERTIES:

APPEARANCE: A clear colourless non flammable liquid with a mild odour.

FORMULA:

Phosphoric Acid 30 - 40 % w/v
Water 60 - 80% w/v
Additives <10%

Boiling range: 100 - 200°C
Vapour Pressure: >1
Volatile Component: Water
Specific Gravity: 1.15
Form: Liquid

HAZARDOUS INGREDIENTS

Phosphoric Acid TWA 1mg/m³

CAS NO

14335-33-23

PROPORTION:

30-40%

FIRE AND EXPLOSION HAZARD INFORMATION

Flashpoint °C (method) non flammable	Flammability limits %vol Not Applicable	Auto ignition temperature Not Applicable
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Flammability Fire / Explosion Data:

Non flammable. Contact with metals evolves hydrogen gas, which may pose an explosion hazard in confined spaces.

EMERGENCY AND FIRST AID PROCEDURES

Eye Contact: Flush eyes with water for at least 15 minutes. (Remove contact lenses if worn). Seek medical advice immediately	Skin Contact: Corrosive liquid. Remove contaminated clothing. Wash contact areas with soap and water. If irritation occurs seek medical assistance. Launder contaminated clothing before re use.
Inhalation: Non considered to be a hazard.	Ingestion: Do not induce vomiting. Give several glasses of water, seek medical advice.

ADVICE TO DOCTOR: Treat patient symptomatically as for strong corrosive material. Contact Poisons Centre.

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HEALTH HAZARD INFORMATION

Acute Effects:

Eye: A severe eye irritant. High concentrations of vapour may cause irritation.

Skin: Harmful in contact with the skin, may result in irritation due to defatting. Prolonged or repeated contact may lead to irritation, dermatitic effects and skin sensitization.

Inhalation: Inhalation may be harmful. Prolonged inhalation may cause intoxication, headaches, weakness and dizziness. May cause irritation to the mouth, nose, throat, mucous membranes and respiratory tract.

Swallowed: Toxic effects due to may manifest after ingestion. Initial symptoms will be those of intoxication.

Chronic effects:

Based on constituents; may cause illness, systemic poisoning, blindness, and possible death if ingested, inhaled, or absorbed through the skin in excessive quantities.

PRECAUTIONS FOR USE

Personal Protection:

Do not smoke during the application process.
Avoid skin and eye contact., wear goggles to AS 1337, PVC gloves.
Avoid breathing the vapour,
Avoid carrying contaminated rags, or wearing soaked clothing.
Wash contaminated clothing and protective equipment before re using.
Wash hands before smoking, drinking, eating, or using the toilet.

The following personal protective equipment must be worn.
Overalls or similar protective apparel. Eye protection such as safety glasses. PVC or nitrile gloves, respiratory protection as outlined above.

Environment:

Non biodegradable. This product may be hazardous to the environment. Avoid contaminating waterways.

Spills and Disposal:

Absorb spillage with sand, earth, but not saw dust. Collect and seal in appropriately labelled containers for disposal. Consult Local Authorities for advice regarding approved disposal methods.

Manufacturers Advice:

This Product Safety Card should be read in conjunction with the label information for the appropriate product.