Manufacturer

SECTION 1: Identification of the material and supplier

Trade name: Phoskleen

Other name: No-Scale

Recommended use and restriction of use: Calcium and rust remover

Details of the supplier of the safety data sheet:

Name: WESTERN INDUSTRIAL CLEANING SUPPLIERS PTY LTD
Address: 9 Burgay Court Osborne Park WA 6017
Telephone: (08) 92010022
Email: admin@wics.com.au

Emergency phone number: Poison Information Centre Australia 13 11 26

SECTION 2: Hazards identification

Classification of the substance or mixture:
Skin corrosion/irritation – Category 1B
Acute toxicity – Category 4

GHS Label elements, including precautionary statements

Signal word: Danger

Hazard statements:

H314	*Causes severe skin burns and eye damage*
H332	*Harmful if inhaled*

Precautionary statements:

Prevention:

P260	*Do not breathe dust/fume/gas/mist/vapours/spray.*
P264	*Wash hands thoroughly after handling.*
P271	*Use only outdoors or in a well-ventilated area.*
P280	*Wear eye and face protection/ protective gloves/ protective clothing.*

Response:

P304+P340	*IF INHALED: Remove person to fresh air and keep comfortable for breathing.*
P301+P330+P331	*IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.*
P303+P361+P353	*IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water.*
P363	*Wash contaminated clothing before re-use.*
P305+P351+P338	*IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.*
P304+P340	*IF INHALED: Remove person to fresh air and keep comfortable for breathing.*
P310	*Immediately call a POISON CENTER or doctor.*

Storage:

P405	*Store locked up.*

Disposal:

P501	*Dispose of contents and containers in accordance with local/regional/national Regulations.*

SECTION 3. Composition/information on ingredients

Substance name	CAS No.	%
Phosphoric acid	*7664-38-2*	*<60*

The mixture contains non-Hazardous or below the reporting threshold ingredients.

SECTION 4: First aid measures

Description of first aid measures

Inhalation
Remove victim from exposure and remove contaminated clothing. Seek medical advice if effects persist.

Skin contact
If skin contact occurs, remove contaminated clothing and flush skin with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor

Eye contact
Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes

Ingestion
Do not induce vomiting. Seek medical attention.

Most important symptoms/effects, acute and delayed

No further relevant information available.

Indication of immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

Extinguishing media
Suitable extinguishing media: Use dry chemical, water spray, carbon dioxide.
Unsuitable extinguishing media: Do not use water jet.

Special hazards arising from the substance or mixture
The packaging material may burn to emit noxious fumes. Phosphoric acid forms toxic phosphorous oxide fumes on combustion.

Advice for fire-fighters
Evacuation of people in and around the immediate vicinity of the incident. Wear SCBA and chemical splash suit. Fully encapsulating, gas-tight suits should be worn for maximum protection. Structural firefighter's uniform is NOT effective for these materials.

Hazchem Code
Not available

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures
Wear protective equipment to prevent skin and eye contamination as detailed in Section 8 of the SDS. No action shall be taken involving any personal risk or without suitable training.
Evacuate surrounding areas. Avoid inhalation of vapors or dust. Ensure adequate ventilation. Remove all sources of ignition in the surrounding area.

Environmental precautions
Prevent product from entering drains and waterways. Ventilate contaminated area.

Methods and material for containment and cleaning up
If spilt, cover with absorbent. Sweep and collect in labelled container for disposal.

Reference to other sections
See section 8 and 13 for information on appropriate personal protective equipment and disposal.

SECTION 7: Handling and storage

Precautions for safe handling
Keep containers closed at all times - check regularly for leaks or spills. Transport and store upright. Avoid eye contact and repeated or prolonged skin contact. Do not eat, drink or smoke in handling areas. Always remove contaminated clothing and wash hands before eating, drinking, smoking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

Conditions for safe storage, including any incompatibilities
Store in the original container, in a cool, dry, well-ventilated area out of sunlight and away from heat, incompatible materials and foodstuffs. Do not combine part drums of the same product, as this may be a source of contamination. Do not mix with other chemicals.

SECTION 8: Exposure controls/personal protection

Control parameters

Ingredient name	CAS-No.	TWA		STEL	
		ppm	mg/m^3	ppm	mg/m^3
Phosphoric acid	7664-38-2		1		3

Biological monitoring: No information available.

Appropriate engineering controls
Ensure that adequate ventilation is provided. Maintain air concentrations below recommended exposure standards. Keep containers closed when not in use.

Personal protective equipment
Protective equipment must be worn. Gloves, safety glasses and safety shoes. Observe good standards of hygiene and cleanliness. Trousers, long sleeved shirt and closed in safety footwear should be worn as a general precaution. Avoid breathing mists or vapours.

SECTION 9. Physical and chemical properties

Information on basic physical and chemical properties.

Physical state: liquid **Colour:** clear **Odour:** Characteristic
Odour threshold: not available

pH	< 3
Melting point/freezing point	Not available
Boiling point	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Upper/lower flammability or explosive limits	Not available
Vapour pressure	Not available
Relative vapour density	Not available
Relative density	Not available
Solubility(ies)	Soluble in water
Auto-ignition temperature	Not available
Vapour density	Not available
Kinematic viscosity	Not available
Volatile organic compund	Not available

SECTION 10: Stability and reactivity

Stability: Stable under normal use conditons.

Possibility of hazardous reactions: Phosphoric acid forms toxic phosphorous oxide fumes on combustion.

Conditions to avoid: incompatible material

Incompatible materials: Acetulides, alcohols, aldehydes, amides, amines, ammonia or bleach, azo-compounds, carbides, carbamates, caustics, hlorides, combustible materials, cyanides, esters, epoxides, fluorides, glycols, halogenated organics, ketones, mercaptins, nitromethane, organic peroxides,

organophosphates, phenols and cresols, phosphides, silicides, sodium tetrahydroborate, strong caustics, stainless steel, sulfides and unsaturated halides.

Hazardous decomposition products: Phosphoric acid decomposes under formation of toxic fumes on contact with alcohols, cyanides, ketones, phenols, esters, sulfides, mercaptans and halogenated organic compounds. Liberates explosive hydrogen gas when reacting with chlorides and stainless steel. Exothermic reactions with aldehydes, amines, amides, alcohols and glycols, azo-compounds, carbamates, esters, caustics, phenols and cresols, organophosphates, epoxides, explosives, combustible materials, unsaturated halids, sodium tetrahydroborate, organic peroxides.

SECTION 11: Toxicological information

Acute toxicity: The product is classified as Catgory 4 – acute toxicity

Skin corrosion/irritation: Causes severe skin burns.

Serious eye damage/irritation: Causes severe eye damage.

Respiratory or skin sensitisation: The product is not classified as a sensitiser.

Germ cell mutagenicity: The product is not classified as a mutagen.

Carcinogenicity: The product is not classified as a carcinogen.

Reproductive toxicity: Based on available data, not classified as a reproductive toxine.

Specific target organ toxicity (single exposure): This material has been classified as non-hazardous.

Specific target organ toxicity (repeated exposure): This material has been classified as non-hazardous.

Aspiration Hazard: Based on available data, not classified.

SECTION 12: Ecological information

Ecotoxicity: No data available.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Mobility in soil: No information available.

Other adverse effects: No information available.

SECTION 13: Disposal considerations

Avoid unauthorised discharge to sewer.

Disposal of this product should at all time comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Persons conducting disposal should ensure that appropriate personal protection equipment is used, see "Section 8. Exposure Controls and Personal Protection" in the SDS.

SECTION 14: Transport information

ROAD AND RAIL TRANSPORT: Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

UN Number: 1805
UN Proper Shipping Name: PHOSPHORIC ACID
Class & Subsidiary Risk: 8
Packaging Group: III

This mixture has not been tested as a whole. The classification is based on evaluation of individual components in accordance with the provisions of the SWA National Guide "Classifying hazardous chemicals" July 2020, Appendix E – Comparison of ADG Code and GHS classes and categories.

SECTION 15: Regulatory information

This SDS is prepared in accord with the Safe Work Australia documents:

- Code of Practise - Preparation of Safety Data Sheets for Hazardous Chemicals
- Classyfication hazardous chemicals – National Guide

This SDS is updated to the 7th Revised Edition of the GHS.

This material/constituent(s) is covered by the following requirements:

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS), or are exempt.

Poison schedule (Aust): 6

SECTION 16: Other information

GHS classification is based on safety and environmental data available on the Hazardous Chemical Information System (HCIS) – SWA and on the SDSs provided by the raw materials suppliers.

Source of the data used for the environmental classification (EC50, LC50 and NOEC):

- AICIS Assessments
- ECHA Assessment reports
- EPA NZ Chemical Classification and Information Database CCID

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Changes: This SDS is updated to the 7th Revised Edition of the GHS

ACRONYMS

NICNAS	The National Industrial Chemicals Notification and Assessment Scheme (AUSTRALIA)
SDS	Safety Data Sheet
STEL	Short Term Exposure Limit
SUSMP	Standard for the Uniform Scheduling of Medicine & Poisons (AUSTRALIA)
TGA	Therapeutic Goods Administration (AUSTRALIA)
TLV	Threshold Limit Value
TWA	Time Weighted Average
ADG	Australian Dangerous Goods
AICS	Australian Inventory of Chemical Substances
GHS	The Globally Harmonized System of Classification and Labelling of Chemicals
IATA	The International Air Transport Association
ICAO	The International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods

This Safety Data Sheet summarises the best of our current knowledge and experience about the safety requirements of the product. Whilst the information contained herein is believed to be accurate, neither the above mentioned supplier nor any of its subsidiaries assumes any liability for the completeness, reliability and accuracy of the information provided in this document.

The information given is provided as a guidance and is not to be considered a warranty of quality specification. It is responsibility of the users to make their own evaluation of the suitability of any materials in relation to their specific circumstances.