

SAFETY DATA SHEET



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: PHOSCOAT A LA1061

Synonyms: Phosphating solution

Use: Produces phosphate coatings on iron at low temperatures by immersion or spraying.

Supplier: Advance Chemicals

ABN: 61 005 625 025

Street Address: 4 – 8 Malton Court Altona, 3018

Telephone Number: (03) 9398 4444

Facsimile: (03) 9398 5278

Emergency Telephone: Ted Powell (03) 9398 4444 (Business Hours)
0425 800 022 (After Hours)

2. HAZARDS IDENTIFICATION

Classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 7th Revised Edition.

Hazard Classification: HAZARDOUS SUBSTANCE, NON DANGEROUS GOODS.

Classification of the substance or mixture:

Skin Irritation – category 2A

Eye Irritation – Category 2A

SIGNAL WORD: WARNING



Hazard Statement(s):

H315 – Causes skin irritation

H319 – Causes serious eye irritation

Precautionary Statement(s):

Prevention:

P102 Keep out of reach of children.

P103 Read label before use.

P104 Read Safety Data Sheet before use.

P260 – Do not breathe mist/vapour/spray

P264 – Wash hands thoroughly after handling

P280 - Wear protective gloves/eye protection/ face protection.

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Response:

P301 + P3330 +P331 – IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P303 + P361 + P353 – IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 P363 – Wash contaminated clothing before re-use
 P321 – Specific treatment (see First Aid Measures on Safety Data Sheet)
 P304 + P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P310 – Immediately call a POISON CENTRE (131126) or doctor/physician if you feel unwell
 P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage:

P405 – Store in a well-ventilated place. Keep cool.

Disposal:

P501: Dispose of contents/container in accordance with local waste management authority.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion
Acid metal phosphates	Mixture	10 – 30%
Sequestrants	-	Less than 10%
Surfactants	-	Less than 10%
Accelerators	-	Less than 10%
Water	7732-18-5	Balance

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. Rest patient and keep warm. Seek medical assistance if necessary.

Skin Contact: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with water. See a doctor if skin irritation, swelling, and redness or blistering occurs. Wash clothing before use.

Eye Contact: Immediately hold eyelids open and flood with clean water for at least 15 minutes. Get medical attention.

Ingestion: Immediately rinse mouth thoroughly with water. If swallowed do NOT induce vomiting. Give a glass of water. Get medical attention if symptoms persist.

Notes to Doctor: Treat symptomatically.

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5. FIRE FIGHTING MEASURES

Specific Hazards: Non- combustible material

Fire- fighting advice: No particular fire or explosion hazard

Suitable Extinguishing Media: All extinguishing agents can be used (water, dry chemical, carbon dioxide, foam and sand).

Hazchem Code: None allocated

Flammability: This product is not flammable.

6. ACCIDENTAL RELEASE MEASURES

Minor spills should be contained and mopped up quickly to prevent an accident. For large spills, contain using sand or soil. Absorb using sand, soil, vermiculite or some other inert material. Collect and seal in properly labelled containers for disposal. Refer to State Land Waste Authority for disposal. Flush area with water.

7. HANDLING AND STORAGE

Handling advice: Not classified as a Dangerous substance for the purpose of transport, storage or handling. No special requirements.

Storage advice: Keep dry and avoid spillage.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits: None assigned.

Engineering Controls: No special ventilation or engineering controls are required under normal use conditions.

Personal Protection Equipment: The use of gloves and safety glasses is recommended. Wash hands before eating, smoking or using the toilet.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Thin clear liquid
Boiling Point: > 100°C
Melting Point: < 0°C
Flash Point: Non flammable
Vapour Pressure: 17 mm Hg @ 20°C
Vapour Density (Air = 1): 0.6
Flammability Limits: Non Flammable
Specific Gravity: 1.1
pH (1% dispersion): 4.3
Solubility in water: Soluble
Corrosiveness: Low

10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed container at room temperature.

11. TOXICOLOGICAL INFORMATION

No adverse health effects are expected, if the product is handled in accordance with this material safety data sheet and label. Symptoms and effects that may arise if the product is mishandled and overexposure occurs are:

Acute Health Effects:

Ingested: Moderately irritant by ingestion.

Eye: Irritant to the eyes.

Skin: Contact with product may cause moderate irritation to skin. Prolonged contact with dilute solutions may result in mild irritation by defatting the skin.

Inhaled: Spray mist is an irritant.

Chronic: May irritate skin on prolonged or repeated exposure to dilute solutions. The use of gloves is recommended.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority.

14. TRANSPORT INFORMATION

UN Number: None allocated

Proper Shipping Name: PHOSCOAT A LA1061

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Road and Rail Transport:

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) for transport by road and sail.

15. REGULATORY INFORMATION

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Poisons Schedule: None allocated.

16. OTHER INFORMATION

This S.D.S. is valid for 5 years from the date of issue but may be withdrawn and revised anytime prior to that date. Please ensure that you are using the latest issue.

All information contained in this Safety Data Sheet is as accurate and up-to-date as possible. Since ADVANCE CHEMICALS can not anticipate or control the conditions under which this information can be used, each user should review this information in the specific context of the intended application.

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