



# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** PHOSCOAT B LA1084

**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)  
Vance. Powell 0425 800 020 (After Hours)

## 2. HAZARDS IDENTIFICATION

**CLASSIFIED AS HAZARDOUS ACCORDING TO CRITERIA OF NOHSC.**

**Hazard Classification:** CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S  
**Risk Phrases:** R36/37: Irritating to eyes and skin.  
**Safety Phrases:** S1: Keep locked up;  
S2: Keep out of reach of children;  
S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice;  
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).

**Poison Schedule (Australia):** 6

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	
Acid metal phosphates	Mixture	10 - 30%	
Phosphoric Acid	7664-38-2	Less than 10%	R36/38
Sodium Fluoride	7681-49-4	Less than 10%	
Sequestrants	-	Less than 10%	
Surfactants	-	Less than 10%	
Accelerators	-	Less than 10%	
Water	7732-18-5	Balance.	

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## 4. FIRST AID MEASURES

**Inhalation:** Remove victim from exposure- avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. SEEK MEDICAL ADVICE.

**Skin Contact:** Remove contaminated clothing and wash skin thoroughly with soap and water. See a doctor if skin irritation occurs.

**Eye Contact:** Immediately hold open eyes and flood with clean cold water for at least 15 minutes. Seek medical attention.

**Ingestion:** Immediately rinse mouth with water. Do NOT induce vomiting. Give plenty of water. Repeat if vomiting occurs. If patient is not conscious do NOT give anything by mouth. Seek medical attention. Contact a doctor or Poisons Information Centre on 131126.

**Notes to Doctor:** Treat symptomatically as for strong acid.

## 5. FIRE FIGHTING MEASURES

**Specific Hazards:** Non flammable or combustible. If involved in fire will emit toxic fumes.

**Fire-fighting advice:** Wear full protective clothing with breathing apparatus and gloves if risk of exposure to vapour or products of combustion.

**Suitable Extinguishing Media:** Use water fog, foam or dry agent.

**Hazchem Code:** 2X

**Flammability:** Non flammable

## 6. ACCIDENTAL RELEASE MEASURES

Evacuate all unnecessary personnel. Wear protective clothing to minimise skin and eye exposure. If possible contain the spill. Place inert absorbent material onto spillage. Mop up material and place into the same container. If spillage enters the waterways contact the Environmental Protection Authority, or your Waste Management Authority.

## 7. HANDLING AND STORAGE

**Handling advice:** Open container cautiously, especially in hot weather. Avoid contact with the skin and eyes. Keep out of mouth. Wear gloves and an eye shield. Do not mix with substances that contain chlorine

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**Storage advice:** Store in a cool well ventilated place out of direct sunlight. Transport and store upright with vent at top. Keep container closed at all times. Store away from dangerous when wet substances (Class 4.3), oxidising substances (Class 5), cyanides (Class 6), alkalies, foodstuffs or foodstuff empties.

## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

### Occupational Exposure Limits:

	TWA		STEL	
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Fluorides (as F)	-	2.5	-	-

**Engineering Controls:** Ensure ventilation is adequate to maintain air concentrations below Exposure Standards. Wash hands before eating, smoking or using the toilet.

**Personal Protection Equipment:** The use of gloves and safety goggles.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear, colourless 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):** 2.4

**Solubility in water:** Soluble

**Corrosiveness:** Low

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGICAL INFORMATION

### Acute Health Effects:

**Ingested:** Corrosive. Causes burns to mouth, throat and gastro-intestinal tract.

**Eye:** Corrosive. Prolonged contamination of eyes can result in permanent injury

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**Skin:** Corrosive. Causes burns to the skin.

**Inhaled:** Spray mist is irritant to nose and throat.

**Chronic:** Prolonged contact with dilute substance may cause skin irritation. Gloves should be used at all times.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all federal, E.P.A, state and local regulations. Assure conformity with all applicable regulations.

## 14. TRANSPORT INFORMATION

**UN Number:** 3264

**Proper Shipping Name:** PHOSCOAT B LA1084

**Dangerous Goods Class:** 8

**Subsidiary risk:**

**Packing Group:** III

**Hazchem Code:** 2X

**Road and Rail Transport:** Classified as Class 8 (Corrosive Liquid) Dangerous substance for the purpose of transport by road and rail.

## 15. REGULATORY INFORMATION

**Classification:** CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S

**Poisons Schedule:** 6

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## 16. OTHER INFORMATION

This M.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 Material 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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Issue Date: OCTOBER, 2011