

# SAFETY DATA SHEET



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** ADBRITE R61

**Synonyms:**

**Use:** Derusting and descaling various metal and non-metal surfaces.

**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 3<sup>rd</sup> 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	
Phosphoric Acid	7664-38-2	10 – 30%	H314

## 4. FIRST AID MEASURES

**Medical advice:** For advice, contact Poisons Information Centre, phone 131126, or call a doctor.

**Inhalation:** Remove victim from exposure- avoid being 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:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water. See a doctor if skin irritation occurs.

**Eye Contact:** Immediately hold eyes open 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 water. Repeat if vomiting occurs. If patient is not conscious do NOT give anything by mouth. Seek medical attention.

**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

**Fire 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 must 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:** 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:** Avoid contact with skin and eyes. Keep out of mouth. Wear protective clothing and an eye shield.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Clear, colourless, odourless liquid.  
**Boiling Point:** > 100°C  
**Melting Point:** < 0°C  
**Flash Point:** Non- flammable  
**Vapour Pressure:** Not Known  
**Vapour Density (Air = 1):** Not Known  
**Flammability Limits:** Non Flammable  
**Specific Gravity:** 1.1  
**pH (1% dispersion):** 3.7  
**Solubility in water:** Soluble in all proportions.  
**Corrosiveness:** Not corrosive to human tissue and most metals.

## 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:** No acute effects. Rinse mouth thoroughly with water after contact.

**Eye:** No acute effects. Prolonged contact with eyes can result in permanent injury.

**Skin:** No acute effects.

**Inhaled:** No acute effects.

**Chronic:** Prolonged contact with dilute solutions may cause skin irritation. Gloves must be worn at all times.

## 12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

## 13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority.

## 14. TRANSPORT INFORMATION

**UN Number:** None allocated

**Proper Shipping Name:** ADBRITE R61

**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).

## 15. REGULATORY INFORMATION

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**Poisons Schedule:** None allocated.

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## 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 cannot 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.

ADVANCE CHEMICALS will not be responsible for any damage or loss of any nature resulting from the use of or reliance upon this information. No expressed or implied warranties are given other than those mandated by Commonwealth, State, or Territory legislation.

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