

# SAFETY DATA SHEET



## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name:** RUST STAIN REMOVER LA254

**Synonyms:** ACIDIC RUST STAIN REMOVER.

**Use:** Removing rust stains from textiles.

**Supplier:** Advance Chemicals

**ABN:** 61 005 625 025

**Street Address:** 4 – 8 Malton Court Altona, 3018

**Telephone Number:** (03) 9398 4444

**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, DANGEROUS GOODS.

**Classification of the substance or mixture:**

Skin Corrosion – Sub - category 1A

Acute Toxicity (INHALATION) – Category 2

Acute Toxicity (DERMAL) – category 1

Acute Toxicity (ORAL) – category 2

**SIGNAL WORD:** DANGER



**Hazard Statement(s):**

H314 – Causes severe skin burns and eye damage.

H330 – Fatal if inhaled

H310 – Fatal in contact with skin

H300 – Fatal if swallowed

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## 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
- P262 – Do not get in eyes, on skin or on clothing
- P264 – Wash hands and any exposed skin thoroughly after handling
- P270 – Do not eat, drink or smoke when using this product
- P271 – Use only outdoors or in a well-ventilated area
- P280 - Wear protective gloves/eye protection/ face protection.
- P284 – Wear respiratory protection.

### Response:

- P301 + P330 +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 plenty of soap and 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.
- P312 – Call a POISON CENTRE 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:

- P403 + P233 – Store in a well-ventilated place. Keep container tightly closed.
- P405 – Store locked up.

### Disposal:

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

Poison Schedule (Australia): 7

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	
Hydrofluoric Acid	7664-39-3	Less than 10%	H330; H310; H300; H314
Detergents and foaming agents	-	Less than 10%	
Wetting agents	-	Less than 10%	
Glycol Ethers	-	Less than 10%	
Inhibitor	-	Less than 10%	
Water	7732-18-5	60 – 100%	

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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:** If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water for at least 1 minute. See a doctor if skin irritation occurs. Massage calcium gluconate gel into the affected areas. If not available continue washing affected skin with soap.

**Eye Contact:** If contacted in eyes or on face, remove contact lenses if worn. Hold eyes open and flood with clean cold water for at least 15 minutes. Seek medical attention. Instil several drops of 10% calcium gluconate to the eye.

**Ingestion:** Wash out mouth with water and give large quantities of water containing 6 tablets of effervescent calcium gluconate. If this is not available give milk. 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 as for strong acid containing fluorides.

## 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:** 2XE

**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.

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## 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.

**Storage advice:** Store in a cool well ventilated place out of direct sunlight. 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	
	ppm	mg/m <sup>3</sup>
Hydrofluoric Acid	1.8	2.6

**Engineering Controls:** Use only in well ventilated areas. Fan extraction should be installed to maintain vapour levels below ceiling limit. Wash hands before eating, smoking or using the toilet.

**Personal Protection Equipment:** Wear protective clothing and faceshield. Wear elbow length impervious gloves such as laminate film by barrier, splash apron and rubber boots. Wash thoroughly immediately after use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Colourless to yellow liquid with pungent odour

**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:** 1.0

**pH (Concentrate):** <1

**Solubility in water:** Soluble

**Corrosiveness:** Low

## 10. STABILITY AND REACTIVITY

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

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## 11. TOXICOLOGICAL INFORMATION

### Acute Health Effects:

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

**Eye:** Corrosive. May result in permanent or prolonged visual effects or destruction of the eyes. Can cause corneal burns.

**Skin:** Highly corrosive. Causes burns to the skin. Burns may not be immediately visible or painful. Healing of affected areas may be slow.

**Inhaled:** Strong irritant. Vapour is irritant to respiratory tract and mucous membranes. Exposure to high concentrations of vapour or to acid as a mist may lead to lung damage including pulmonary oedema and emphysema. Effects may be delayed.

**Chronic:** Prolonged contact with dilute solutions may cause skin irritation. Gloves should be used at all times. Chronic exposure may result in dental discolouration and erosion and ulceration of the nose and mouth. Use only in well ventilated areas.

## 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:** 2922 (iii)

**Proper Shipping Name:** CORROSIVE LIQUID, TOXIC, N.O.S.

**Dangerous Goods Class:** 8

**Subsidiary risk:** 6.1

**Packing Group:** II

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Hazchem Code: 2XE

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



## 15. REGULATORY INFORMATION

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**Poisons Schedule:** 7

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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 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.

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 implied mandatorily by Commonwealth, State or Territory legislation.

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