

SAFETY DATA SHEET



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: TANK WASH PC240

Synonyms: UN 3262, CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (contains sodium hydroxide).

Use: TANK WASH; cleans and sanitises stainless steel surfaces.

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 7th Revised Edition.

Hazard Classification: HAZARDOUS SUBSTANCE, DANGEROUS GOODS.

Classification of the substance or mixture:

Skin Corrosion – Sub - category 1A

SIGNAL WORD: DANGER



Hazard Statement(s):

H314 – Causes severe skin burns and eye damage.

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.
 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:

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

Disposal:

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

Poison Schedule (Australia): 6

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Entity | C.A.S. No. | Proportion | Risk phrases |
|-------------------------|------------|---------------|--------------|
| Sodium Hydroxide | 1310-73-2 | > 60% | R35 |
| Builder Salts | - | 30% -to 60% | |
| Chelation Agents | - | Less than 10% | |
| Wetting Agents | - | Less than 10% | |
| Corrosion Preventatives | - | Less than 10% | |

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 recovered. Except for minor symptoms see a doctor.

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, seek medical advice. Wash clothing before reuse.

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

Ingestion: Immediately rinse mouth thoroughly with water. Do NOT induce vomiting. Give a glass of water. Repeat if vomiting occurs. If patient is not conscious do NOT give anything by mouth. **Get urgent medical attention.**

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

Notes to Doctor: Treat symptomatically for Caustic Alkali. Treat burns if present.

5. FIRE FIGHTING MEASURES

Specific Hazards: Non flammable or combustible solid. This product may emit toxic sodium oxide gases on combustion. Heat generated by contact with water may be enough to ignite other nearby combustible materials.

Fire fighting advice: Fire fighters must wear full protective clothing with self contained breathing apparatus and gloves.

Suitable Extinguishing Media: Use water fog, foam, dry chemical powder or carbon dioxide. Do NOT use water jets.

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: Avoid contact with the skin and eyes. Keep out of mouth. Wear gloves and an eye shield. Wear a dusk mask to avoid breathing dust. Avoid static discharges.

Storage advice: Store in a cool well ventilated place out of direct sunlight. Keep container closed at all times. Store away from other classifications of dangerous goods, Class 8 acids, reducing sugars, foodstuffs, and foodstuff empties. Incompatible with oxidising agents, acids, nitriles, alkaline earth elements in powdered form, cyanides, magnesium, nitro compounds, halogenated organics, phenols, glycols, chlorinated hydrocarbons, nitromethane, nitroparaffins, water, aluminium, tin, zinc, copper, lead, and brass.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits:

TLV - TWA for sodium hydroxide is 2mg/m³.

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Engineering Controls: Local exhaust and ventilation equipment can be provided to maintain atmospheric concentrations below the TLV. Avoid breathing dust or mist. Caustic soda reacts readily with various reducing sugars to produce carbon monoxide.

Personal Protection Equipment: Wear gloves and an eye shield. Wear chemical resistant clothing including a chemical resistant apron if clothing is likely to be contaminated. Wear suitable dust mask.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White granular powder

Boiling Point: Not applicable

Melting Point: Not known

Flash Point: Non Flammable

Vapour Pressure: 0 mm Hg (20°C)

Vapour Density (Air = 1): Not applicable

Flammability Limits: Non Flammable

Specific Gravity: 1.8 (apparent)

pH (1% dispersion): 13.5

Solubility in water: Soluble in all proportions.

Corrosiveness: Corrosive to human tissue and some non-ferrous metals.

10. STABILITY AND REACTIVITY

Stability: Stable when stored in sealed containers at room temperature. Product absorbs moisture from the atmosphere.

11. TOXICOLOGICAL INFORMATION

Acute Health Effects:

Ingested: Causes severe burns to mouth, throat and gastrointestinal tract. May cause vomiting and diarrhoea, from which collapse may result.

Eye: Causes burning of corneal tissue with permanent eye damage.

Skin: Causes severe burns to the skin. Skin contact often does not cause pain, thus care should be taken to avoid contaminated gloves and boots.

Inhaled: Inhalation of dust or mist can cause damage to the upper respiratory tract and to the lung tissue depending on exposure. Effects can range from mild irritation of mucous membranes to severe pneumonitis.

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

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12. ECOLOGICAL INFORMATION

Avoid contaminating waterways. The hazard for the environment is caused by the hydroxyl ion (pH effect).

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 must be disposed of in accordance with all federal, EPA, state, and local regulations. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

UN Number: 3262

Proper Shipping Name: UN 3262, CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (contains sodium hydroxide)

Dangerous Goods Class: 8

Subsidiary risk: none allocated

Packing Group: II

Hazchem Code: 2X

Road and Rail Transport: Classified as Dangerous Goods by the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code).



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15. REGULATORY INFORMATION

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Poisons Schedule: 6

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.

Issue Date: September, 2021