

SAFETY DATA SHEET



1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: ACTIVE O LA1702

Synonyms: Peroxide sanitiser.

Use: Sanitising

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 3rd 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

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P264 – Wash hands thoroughly after handling
P280 - Wear protective gloves/eye protection/ face protection.

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.

Poison Schedule (Australia): n/a

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	C.A.S. No.	Proportion	Risk phrases
Hydrogen Peroxide	7722 – 84 -1	5 - 20 %	H315; H319
Non hazardous ingredients	-	To 100%	

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. Rest patient and keep warm. If breathing is difficult, give oxygen as needed. Seek medical attention.

Skin Contact: Remove contaminated clothing and wash skin with water for 15 minutes. Seek medical attention.

Eye Contact: Hold eyes open and flood with water for at least 15 minutes. Seek medical attention.

Ingestion: If swallowed do NOT induce vomiting. Rinse mouth thoroughly with water. Seek medical attention.

Medical advice: Contact Poisons Information Centre, phone 131126, or call a doctor.

Notes to Doctor: Treat symptomatically.

5. FIRE FIGHTING MEASURES

Specific Hazards: Oxygen released in thermal decomposition may support combustion. Contact with combustible material may cause fire. Contact with flammables may cause fire or explosions. Risk of explosion if heated under confinement.

Fire fighting advice: Evacuate personnel to safe areas. In event of fire, wear self contained breathing apparatus. When invention in close close proximity wear acid resistant over suit. Clean contaminated surface thoroughly.

Fire Extinguishing Media: Water, water spray, CO₂.

Hazchem Code: 2P

Flammability: Not flammable.

6. ACCIDENTAL RELEASE MEASURES

Isolate the area. Keep away from incompatible products. Prevent further leakage or spillage if safe to do so. In case of contact with combustible material, keep material wet with plenty of water. Dam up and soak up with inert absorbent material (vermiculite or sand). Dilute with plenty of water. Can be flushed into sewers with plenty of water.

7. HANDLING AND STORAGE

Handling advice: Use only in well ventilated areas. Keep away from heat, incompatible products, and organic materials. Use only equipment and materials which are compatible with the product. Before all operations, passivate the piping circuits and vessels according to the procedure recommended by the producer. Never return unused material to storage receptacle. Use only in areas with adequate water supply. Containers and equipment used to handle the product must be used exclusively for that product.

Storage advice: Keep in a cool, well-ventilated place. Keep away from heat. Store in a receptacle equipped with a vent. Store in its closed original container in a bunded area. Regularly check the condition and temperature of the containers. Avoid storing near: acids, bases, metals and their salts, reducing agents, organic materials, and flammable materials.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Occupational Exposure Limits:

No TLV assigned for this mixture. The component, Hydrogen Peroxide has a TWA of 1 ppm.

Engineering Controls: Ensure adequate ventilation.

Personal Protection Equipment:

In case of emissions, face mask with type NO-P3 cartridge. Wear self-contained breathing apparatus in medium confinement with insufficient oxygen, and in case of large uncontrolled emissions in all circumstances when the mask and cartridge do not give adequate protection. Wear protective gloves made from PVC or rubber. Chemical resistant goggles must be worn. If splashes are likely to occur, wear tight fitting safety goggles and face shield. Wear chemical resistant clothing. If splashes are likely to occur, wear a chemical resistant apron.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colourless liquid

Boiling Point: 100 °C

Vapour Pressure: Not known.

Vapour Density (Air = 1): Not applicable.

Flammability Limits: Not flammable.

Specific Gravity: 1.1

pH (1% solution): 2 – 3

Solubility in water: Soluble

Corrosiveness: Corrosive if swallowed.

10. STABILITY AND REACTIVITY

Stability: Potential for exothermic hazard. Stable under recommended storage conditions.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity: LD50, rat, 1232 mg/kg (H₂O₂ 35%)

Acute inhalation toxicity: LC50, 4 h, rat, 2.00 mg/m³ (hydrogen peroxide)

Acute dermal toxicity: LD50, rabbit, > 2.000 mg/kg (H₂O₂ 35%)

Skin irritation: rabbit, skin irritation (H₂O₂ 35%)

Eye irritation: Risk of serious damage to eyes (H₂O₂ 35%)

Irritation (other route): Inhalation, mouse, irritating to respiratory system, RD 50 = 665 mg/m³.

Acute Health Effects:

Ingested: Severe irritation. Ingestion causes burns of the upper digestive and respiratory tracts. Produces nausea, vomiting, bloating of the stomach, belching and there is a risk of chemical pneumonitis from product inhalation.

Eye: Severe eye irritation, redness, lachrymation, swelling of tissue and risk of serious damage to eyes.

Skin: Severe skin irritation, redness and swelling of tissue. Causes burns to skin.

Inhaled: Inhalation of vapours is irritating to the respiratory system, may cause throat pain and cough. Repeated or prolonged exposure; risk of sore throat, nose bleeds, chronic bronchitis.

Chronic: Prolonged contact with dilute solutions may cause skin irritation.

12. ECOLOGICAL INFORMATION

Avoid contaminating waterways.

13. DISPOSAL CONSIDERATIONS

Refer to Waste Management Authority.

14. TRANSPORT INFORMATION

UN Number: N/A

Proper Shipping Name: ACTIVE O LA1702

Dangerous Goods Class: N/A

Subsidiary risk: N/A

Packing Group: N/A

Hazchem Code: N/A

Road and Rail Transport:

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

15. REGULATORY INFORMATION

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Poisons Schedule: n/a

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.

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