

# MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** PEROXIDE HYDROGEN 10 VOL (Stabilised)

**CHEMICAL NAME & SYNONYMS:** Hydrogen Peroxide Solution (3 percent)  
Dilute Hydrogen Peroxide

**U N NUMBER:** Not Applicable

**DANGEROUS GOODS CLASS:** Not Applicable

**SUBSIDIARY RISK:** Not Applicable

**PACKAGING GROUP:** Not Applicable

**HAZCHEM CODE:** Not Applicable

**POISONS SCHEDULE:** Not Applicable

**PHYSICAL DESCRIPTION:** Clear, colourless liquid with sharp odour

**PHYSICAL PROPERTIES:**

Specific Gravity ( <a href="#">g/mL@20°C</a> )	1.01
Flash Point	not flammable
Self Accelerating Decomposition Temperature SADT (°C)	>50

**USE:** Antiseptic, Deodorant

**INGREDIENTS:**

<u>Chemical Entity</u>	<u>CAS No</u>	<u>%</u>
Hydrogen Peroxide	7722-84-1	3
Salicylic Acid	69-72-7	N/A
Tetrasodium EDTA	64-02-8	N/A
Water	N/A	N/A

**HEALTH HAZARD INFORMATION**

SWALLOWED:	If ingested in large amounts decomposition may occur in the stomach leading to the production of oxygen gas. This may cause gastric distension of the stomach
EYE:	Irritant. May cause damage to the cornea which may affect vision if immediate first aid action is not taken.
SKIN:	May cause irritation in sensitive individuals
INHALED:	Not Applicable

**FIRST AID**

SWALLOWED:	Give water to drink. DO NOT induce vomiting. Seek medical attention.
EYE:	Immediately irrigate the eye with plenty of water. Continue the irrigation for at least 15 minutes. Seek medical attention without delay.
SKIN:	If irritation occurs wash off with water. Seek medical attention if redness persists.
INHALED:	Not Applicable
FIRST AID FACILITIES:	When decanting is carried out or splashing may occur, eyewash stations and safety showers should be readily available.

**ADVICE TO DOCTOR**

With eye contact exclude corneal ulceration - recheck up to one week for delayed ulceration

**PRECAUTIONS FOR USE**

EXPOSURE STANDARDS: Exposure Standards (TWA) represent the time-weighted average airborne concentration of a substance over an eight hour day, for a five day working week, over an entire working life which, according to current knowledge should neither impair the health of, nor cause undue discomfort to nearly all workers. They are guides only and do not represent 'no-effect' levels which guarantee protection to every worker.

Worksafe has established exposure standards for the following ingredients:-

Hydrogen Peroxide	1.4mg/m <sup>3</sup>
Salicylic Acid	Not assessed
Tetrasodium EDTA	Not assessed

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**MSDS HYDROGEN PEROXIDE**

**ENGINEERING CONTROLS:** Ensure ventilation is adequate to maintain air concentrations below exposure standards and is low as is reasonable practicable. While good natural ventilation may be adequate in most cases local exhaust ventilation may be required.

**PERSONAL PROTECTION:** Observe good standards of cleanliness and hygiene. Avoid contact with eyes.  
Eye Protection: Full face shield, chemical goggles, or safety glasses should be worn at all times when handling Hydrogen Peroxide solution. Eye protection should comply with AS 1337 and be selected and used in accordance with AS1336  
Hand Protection: PVC gloves should be worn when handling the product. Hand protection should comply with AS2161  
Respiratory Protection: N/A

**FLAMMABILITY:** Is not combustible and therefore will not burn.

**SAFE HANDLING OF MATERIAL**

**HANDLING STORAGE & TRANSPORT:** Store in upright container at ambient temperature in accordance with local statutory requirement and applicable standards

**STABILITY:** Decomposes very slowly at ambient temperatures to give off oxygen.

**CONDITIONS TO AVOID:** Keep away from heat. Avoid contamination with any materials. Do not return unused product to original container.

**INCOMPATIBILITY:** Acids, alkalis, reducing agents, oxidising agents, rust transition metals and their compounds (such as iron, copper, brass, bronze, cobalt, nickel, lead) as well as organic and combustible materials.

**SPIILLS AND DISPOSALS:** Dilute with copious quantities of water to less than 1% as hydrogen peroxide. Flush to drain with water. Approval may be required from relevant authorities. Rinse container with water. Deface all labels and puncture container prior to disposal.

**FIRE/EXPLOSION HAZARD:** Extinguishing Media - not combustible  
Fire Fighting Procedures - Drench with water  
Unusual Fire & Explosion Hazards - When subjected to heat from combustion of other materials will decompose to liberate oxygen. This may cause other materials to burn more fiercely. Under confinement may cause pressure bursts due to release of gases of decomposition.

**OTHER INFORMATION**

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