

SAFETY DATA SHEET

SECTION 1 -- IDENTIFICATION: PRODUCT IDENTIFIER/CHEMICAL IDENTITY

1.1 PRODUCT IDENTIFIER: GT Oxy 3%

1.2 PRODUCT CODE: OXY3

1.3 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST:

RELEVANT IDENTIFIED USES: Plant care product for root health and equipment cleaning.

RESTRICTIONS ON USE: None known.

1.4 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

SUPPLIER NAME: Growth Technology Pty Ltd (ABN: 14 009 066 531)

ADDRESS: 1/45 Stockdale Road, O'Connor, WA 6163, Australia

1.5 EMERGENCY TEL. NUMBER:

Australia: +61 (08) 9331 3091

Poisons Information Centre: Australia 13 11 26 / New Zealand 0800 764 766

SECTION 2 -- HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE HAZARDOUS CHEMICAL:

GHS CLASSIFICATION HAZARD CLASS & CATEGORY: The product is a mixture and has been assessed under the Model Work Health and Safety Regulations. Classified as non-hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals.

Classified as non-hazardous according to NZ EPA Hazardous Substances (Classification) Notice 2020.

2.2 LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS:

SIGNAL WORD: None

PICTOGRAMS: None

HAZARD STATEMENTS: None

PRECAUTIONARY STATEMENTS:

PREVENTION: P102 - Keep out of reach of children. P264 - Wash hands thoroughly after handling.

RESPONSE: P101 - If medical advice is needed, have product container or label at hand.

STORAGE: Store in a cool, dry, well-ventilated area below 25°C, away from direct sunlight.

DISPOSAL: P501 - Dispose of contents/container in accordance with local regulations.

2.3 OTHER HAZARDS:

None known. May cause mild irritation to eyes and skin on prolonged contact. As for all chemical products, persons should not expose open wounds, cuts, abrasions or irritated skin to this material.

SECTION 3 -- COMPOSITION / INFORMATION ON INGREDIENTS

This product does not contain any hazardous ingredients at or above the concentration cut-off levels specified in the GHS classification criteria.

INGREDIENTS	CAS NUMBER	Concentration	GHS Classification
Hydrogen Peroxide	7722-84-1	3% w/v	Not Applicable
Other non-hazardous ingredients (Water)	7732-18-5	To 100%	Not Applicable

SECTION 4 -- FIRST AID MEASURES

4.1 DESCRIPTION OF NECESSARY FIRST AID MEASURES:

INGESTION: Do NOT induce vomiting. Rinse mouth out with water and give water to drink. If symptoms persist, contact a Poisons Information Centre or seek medical advice.

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EYE: If in eyes, hold eyelids apart and flush the eye immediately with large amounts of running water for at least 15 minutes. If irritation persists, seek medical advice.

SKIN CONTACT: If skin contact has occurred, remove any contaminated clothing and wash skin thoroughly with soap and water. If irritation develops, seek medical advice.

INHALATION: If affected, remove the patient from further exposure into fresh air. If irritation develops or persists, consult a Doctor.

PROTECTION FOR FIRST AIDERS: No specific precautions required. Wear gloves when dealing with first aid procedures involving chemicals.

FIRST AID FACILITIES: A source of flowing water is recommended in the area where the product is used.

4.2 MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED:

ACUTE: May cause mild irritation to eyes and skin. No significant acute effects expected under normal conditions of use.

CHRONIC: No significant chronic effects expected from this product under normal conditions of use.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NECESSARY:

ADVICE TO DOCTOR: Treat symptomatically. No specific antidote.

SECTION 5 -- FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

SUITABLE MEDIA: Product is non-flammable. Use extinguishing media appropriate for surrounding fire.

UNSUITABLE MEDIA: None specified.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

COMBUSTION HAZARDS: Non-flammable. May evolve oxygen when heated.

5.3 ADVICE FOR FIREFIGHTERS:

FIRE: This product is not flammable. Keep containers cool with water spray.

HAZCHEM CODE: Not applicable.

EXPLOSION: No explosion hazard. Closed containers may rupture when exposed to extreme heat.

PROTECTIVE EQUIPMENT: In the event of a fire, wear full protective clothing and self-contained breathing apparatus.

SECTION 6 -- ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

Wear Personal Protective Equipment (PPE) as detailed in Section 8. Avoid contact with skin and eyes.

6.2 ENVIRONMENTAL PRECAUTIONS:

Prevent product from entering drains and waterways. Product decomposes to water and oxygen.

6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:

Contain spillage, then absorb with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal. Wash area with water.

6.4 REFERENCE TO OTHER SECTIONS:

See Sections 8 and 13 for exposure controls and disposal.

SECTION 7 -- HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

Before use carefully read the product label. Use safe work practices to avoid eye or skin contact. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

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7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

Store in a cool, dry, well-ventilated area below 25°C, away from direct sunlight and incompatible substances. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Light sensitive. Use within 3 months once opened. Shelf life: 12 months unopened.

SECTION 8 -- EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PARAMETERS:

EXPOSURE STANDARDS: Hydrogen Peroxide: TWA 1 ppm (1.4 mg/m³) - Safe Work Australia WES / NZ WES

BIOLOGICAL LIMITS: No biological limit values have been entered for this product.

8.2 EXPOSURE CONTROLS:

ENGINEERING CONTROLS: Avoid inhalation. Use in well-ventilated areas. General room ventilation is adequate for normal use.

PPE:

Eye / Face: Safety glasses recommended where splash risk exists.

Hands: Wear PVC or rubber gloves for prolonged contact.

Body: When using large quantities or where heavy contamination is likely, wear coveralls.

Respiratory: Not required under normal conditions of use.

SECTION 9 -- PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

Appearance:	Clear, colourless liquid
Odour:	Slight, characteristic
pH:	4.5 - 5.5
Boiling Point:	Approximately 100°C
Flash Point:	Not applicable (non-flammable)
Flammability:	Non-flammable
Relative Density:	Approximately 1.01
Solubility (water):	Miscible
Oxidising Properties:	Weak oxidiser at 3% concentration

SECTION 10 -- STABILITY AND REACTIVITY

10.1 REACTIVITY:

Carefully review all information provided in sections 10.2 to 10.6.

10.2 CHEMICAL STABILITY:

Stable under recommended conditions of storage. Slowly decomposes to water and oxygen over time.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS:

Polymerisation will not occur.

10.4 CONDITIONS TO AVOID:

Avoid heat, direct sunlight, and contamination with metals or organic materials.

10.5 INCOMPATIBLE MATERIALS:

Incompatible with metals (especially iron, copper, brass), reducing agents, and combustible materials.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS:

Oxygen and water (non-hazardous).

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SECTION 11 -- TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY: Based on available data, the classification criteria are not met. Low toxicity at this concentration.

SKIN: Contact may result in mild irritation, redness, or rash. Not classified as a skin irritant at this concentration.

EYE: May cause mild irritation. Contact may result in irritation, lacrimation, pain and redness.

SENSITISATION: Not classified as causing skin or respiratory sensitisation.

MUTAGENICITY: Not classified as a mutagen.

CARCINOGENICITY: Not classified as a carcinogen. Hydrogen peroxide is not classifiable as to its carcinogenicity to humans (IARC Group 3).

REPRODUCTIVE: Not classified as a reproductive toxin.

STOT - SINGLE EXPOSURE: Not classified.

STOT - REPEATED EXPOSURE: Not classified.

ASPIRATION: Not classified as causing aspiration.

SECTION 12 -- ECOLOGICAL INFORMATION

12.1 TOXICITY:

At 3% concentration, rapidly decomposes to water and oxygen. Low aquatic toxicity expected.

12.2 PERSISTENCE AND DEGRADABILITY:

Readily biodegradable. Decomposes to water and oxygen.

12.3 BIOACCUMULATIVE POTENTIAL:

Does not bioaccumulate.

12.4 MOBILITY IN SOIL:

Highly mobile but decomposes rapidly.

12.5 OTHER ADVERSE EFFECTS:

No information provided.

SECTION 13 -- DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS:

WASTE DISPOSAL: Reuse where possible. Alternatively, absorb with sand or similar and dispose of to an approved landfill site. Contact the manufacturer/supplier for additional information if required.

LEGISLATION: Dispose of in accordance with relevant local legislation.

SECTION 14 -- TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

	LAND TRANSPORT (ADG)	SEA TRANSPORT (IMDG)	AIR TRANSPORT (IATA)
14.1 UN Number	None allocated	None allocated	None allocated
14.2 Proper Shipping Name	None allocated	None allocated	None allocated
14.3 Transport Hazard Class	None allocated	None allocated	None allocated
14.4 Packing Group	None allocated	None allocated	None allocated

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14.5 ENVIRONMENTAL HAZARDS:

Not a Marine Pollutant.

14.6 SPECIAL PRECAUTIONS FOR USER:

HAZCHEM CODE: None allocated.

Transport in original containers. Keep upright. Protect from heat and direct sunlight.

SECTION 15 -- REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

CLASSIFICATIONS: Classified as non-hazardous according to Safe Work Australia criteria.

Classified as non-hazardous according to NZ EPA Hazardous Substances (Classification) Notice 2020.

SUSMP (Poisons Standard): Exempt at 3% concentration.

AICIS: All ingredients listed on AIIC.

HAZARD CODES: Not applicable.

RISK PHRASES: Not applicable.

SAFETY PHRASES: Not applicable.

SECTION 16 -- OTHER INFORMATION

DATE OF SDS PREPARATION: 9th April 2026

REVISION: 1.0

SUPERSEDES: New document

ABBREVIATIONS:

ADG = Australian Dangerous Goods Code; AICIS = Australian Industrial Chemicals Introduction Scheme; AIIC = Australian Inventory of Industrial Chemicals; CAS = Chemical Abstracts Service; EPA = Environmental Protection Authority; GHS = Globally Harmonized System; IATA = International Air Transport Association; IMDG = International Maritime Dangerous Goods; STOT = Specific Target Organ Toxicity; SUSMP = Standard for the Uniform Scheduling of Medicines and Poisons; TWA = Time Weighted Average; WES = Workplace Exposure Standard

DISCLAIMER:

The information contained in this Safety Data Sheet is based on data considered accurate at the time of preparation. Growth Technology Pty Ltd makes no warranty, expressed or implied, regarding the accuracy of this data or the results obtained from use of this product. Users should make their own assessment of the suitability of this information for their particular purposes.

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