SECTION 1: Product identifier

1.1. GHS Product identifier

Product form : Mixture
Trade name : 7.5% Hydrogen Peroxide
Product code : TBA

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Industrial Cleaning Agent
Industrial Sanitising Agent
Restrictions on use : For Industrial Use Only

1.4. Details of manufacturer or importer

Supplier
VELOCITY VEHICLE CARE
5 Horsburgh Drive
Altona North Victoria 3025
Australia
T 1300 990 074
https://www.velocityvehiclecare.com/

1.5. Emergency phone number

Emergency number : Australia 1800 127 406 New Zealand 0800 483 562

SECTION 2: Hazard identification

2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Oxidising Liquids, Category 1	H271
Skin corrosion/irritation, Category 1A	H314
Serious eye damage/eye irritation, Category 1	H318

2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU) :

Flame over circle | Corrosion

Signal word (GHS AU) : Danger
Contains : Hydrogen Peroxide (1 – 10 %)
Hazard statements (GHS AU) : H271 - May cause fire or explosion; strong oxidiser
H314 - Causes severe skin burns and eye damage
Precautionary statements (GHS AU) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P220 - Keep away from clothing and other combustible materials.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P283 - Wear fire resistant or flame retardant clothing.
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 water .
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P306+P360 - IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P370+P378 - In case of fire: Use media other than water to extinguish.
P371+P380+P375 - In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
P405 - Store locked up.
P420 - Store separately.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Additional hazard statements (GHS AU) : For exposure advice within Australia contact the Poisons Information Centre 131 126.

2.3. Other hazards which do not result in classification

No additional information available

SECTION 3: Composition and information on ingredients

Name	CAS-No.	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Hydrogen Peroxide	7722-84-1	1 – 10	Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:gas), H332 Skin Corr. 1A, H314

SECTION 4: First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : Call a physician immediately.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.
First-aid measures after skin contact : Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Call a physician immediately. For skin burns, immediately flood the burnt area with plenty of water. Do not remove the chemical and the clothing. Chemical burns must be treated promptly by a physician.
First-aid measures after eye contact : Call a physician immediately. Rinse immediately with plenty of water. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
First-aid measures after ingestion : Call a physician immediately. Rinse mouth. Do not induce vomiting.

4.2. Symptoms caused by exposure

Symptoms/effects after skin contact : Burns.
Symptoms/effects after eye contact : Serious damage to eyes.
Symptoms/effects after ingestion : Burns.

4.3. Medical attention and special treatment

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable extinguishing media : Unsuitable extinguishing media are not known.

5.2. Specific hazards arising from the chemical

Fire hazard	:	May cause fire or explosion; strong oxidiser.
General measures	:	No action shall be taken without appropriate training or involving any personal risk. Notify authorities if product enters sewers or public waters.
Hazardous decomposition products in case of fire	:	Thermal decomposition can lead to the release of irritating gases and vapours.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	:	In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion. Exercise caution when fighting any chemical fire. Keep upwind. Fight fire from safe distance and protected location.
Protection during firefighting	:	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	:	No action shall be taken without appropriate training or involving any personal risk. Notify authorities if product enters sewers or public waters.

6.1.1. For non-emergency personnel

Emergency procedures	:	Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.

6.1.2. For emergency responders

Protective equipment	:	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and materials for containment and cleaning up

Methods for cleaning up	:	Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	:	Ensure good ventilation of the work station. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe dust/fume/gas/mist/vapours/spray.
Hygiene measures	:	Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	:	Does not require any specific or particular technical measures.
Storage conditions	:	Store locked up. Store in a well-ventilated place. Keep cool.
Incompatible materials	:	combustible materials.
Information on mixed storage	:	Store away from incompatible materials and products. Refer to the detailed list of incompatible materials in section 10 Stability/Reactivity.
Storage area	:	Keep out of direct sunlight.
Special rules on packaging	:	Position containers so that any labeling information is visible. Keep packaging closed when not in use. Check containers and packaging regularly for leaks and damage.
Packaging materials	:	Keep only in original packaging.

SECTION 8: Exposure controls and personal protection

8.1. Control parameters - exposure standards

Hydrogen Peroxide (7722-84-1)	
Australia - Occupational Exposure Limits	
Local name	Hydrogen peroxide
OES TWA [1]	1.4 mg/m³
OES TWA [2]	1 ppm
USA - ACGIH - Occupational Exposure Limits	
Local name	Hydrogen peroxide
ACGIH OEL TWA [ppm]	1 ppm
Remark (ACGIH)	Eye, URT, & skin irr

8.2. Monitoring methods

Monitoring methods : Workplace exposure - General requirements for the performance of procedures for the measurement of chemical agents. Gas detectors should be used when oxidising gases may be released.

8.3. Engineering controls

Appropriate engineering controls : Use spark-/explosionproof appliances and lighting system. Use grounded electrical/mechanical equipment.

8.4. Individual protection measures, such as personal protective equipment (PPE)

Personal protective equipment : Personal protective equipment (PPE) must be suited to the nature of the work and any hazard associated with the work as identified by the risk assessment conducted.
Avoid all unnecessary exposure. Safety shower with an appropriate liquid. Ocular shower with suitable liquid.

Hand protection : Wear gloves resistant to chemical penetration: Polyvinylchloride (PVC) /, Nitrile rubber (NBR) /, Butyl rubber (IIR) /

Eye protection : Eye protection is provided by the respiratory protection (see section)

Skin and body protection : Wear safety footwear: Chemical resistant boots. Wear protective clothing: Corrosionproof clothing, Flame retardant protective clothing

Respiratory protection : Wear appropriate mask: Combined full gas/dust mask with filter type

Personal protective equipment symbol(s)

Other information : The following Australian and New Zealand Standards will provide general advice regarding safety clothing and equipment: Respiratory equipment: AS/NZS 1715, Protective Gloves: AS 2161, Industrial Clothing: AS2919, Industrial Eye Protection: AS1336 and AS/NZS 1337, Occupational Protective Footwear: AS/NZS2210.

SECTION 9: Physical and chemical properties

Physical state : Liquid
Appearance : Clear.
Colour : Colourless
Odour : Pungent
Odour threshold : No data available
pH : 6 – 8
Relative evaporation rate (butylacetate=1) : No data available

Melting point / Freezing point	:	Melting point: Not applicable Freezing point: ≈ 0 °C
Boiling point	:	≈ 100 °C
Flash point	:	No data available
Auto-ignition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapour pressure	:	Vapour pressure: ≈ 18 mm Hg
Relative density	:	No data available
Density	:	Relative density: 1.015 – 1.045
Solubility	:	Miscible with water.
Partition coefficient n-octanol/water (Log Pow)	:	No data available
Explosive properties	:	No data available
Explosive limits	:	No data available
Minimum ignition energy	:	No data available
Fat solubility	:	No data available

SECTION 10: Stability and reactivity

Reactivity	:	May cause fire or explosion; strong oxidiser.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reactions	:	No dangerous reactions known under normal conditions of use.
Conditions to avoid	:	Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	:	Combustible materials.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

Acute toxicity (oral)	:	Not classified
Acute toxicity (dermal)	:	Not classified
Acute toxicity (inhalation)	:	Not classified

Hydrogen Peroxide (7722-84-1)	
ATE AU (oral)	500 mg/kg bodyweight
ATE AU (gases)	4500 ppmv/4h
ATE AU (vapours)	11 mg/l/4h
ATE AU (dust,mist)	1.5 mg/l/4h

Skin corrosion/irritation	:	Causes severe skin burns. pH: 6 – 8
Serious eye damage/irritation	:	Causes serious eye damage. pH: 6 – 8
Respiratory or skin sensitisation	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
STOT-single exposure	:	Not classified
STOT-repeated exposure	:	Not classified
Aspiration hazard	:	Not classified

SECTION 12: Ecological information

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

12.1. Ecotoxicity

Ecology - general	:	Before neutralisation, the product may represent a danger to aquatic organisms.

Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Not classified

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Other adverse effects : No additional information available

7.5% Hydrogen Peroxide	
Fluorinated greenhouse gases	False

Hydrogen Peroxide (7722-84-1)	
Fluorinated greenhouse gases	False

SECTION 13: Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

ADG	IMDG	IATA
14.1. UN number		
Not applicable	Not applicable	Not applicable
14.2. UN Proper Shipping Name		
Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)		
Not applicable	Not applicable	Not applicable
14.4. Packing group		
Not applicable	Not applicable	Not applicable
14.5. Environmental hazards		
Not applicable	Not applicable	Not applicable

14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail
Not applicable

Transport by sea
Not applicable

Air transport
Not applicable

14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product in question

Australian Industrial Chemicals Introduction Scheme (AICIS)

Australian Inventory of Industrial Chemicals (AICIS Inventory) status : All ingredients in this product are listed on the AICS (Australian Inventory of Chemical Substances)

Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)

Covered by The Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) : This chemical is covered by the Standard for the Uniform Scheduling of Medicines and Poisons

Relevant Poisons Schedule number : Poison

15.2. International agreements

No additional information available

SECTION 16: Other information

Indication of changes:

First Issue.

Data sources	:	Safe Work Australia- Code of Practice- Preparation of Safety Data Sheets for Hazardous Chemicals Safe Work Australia- Code of Practice- Labelling of Workplace Hazardous Chemicals NICNAS- Australian Inventory of Chemical Substances (AICS) NICNAS- Relevant Chemical Assessment Reports Safe Work Australia- Workplace Exposure Standards for Airborne Contaminants United Nations- Globally Harmonised System of Classification and Labelling of Chemicals (GHS) Safe Work Australia- Hazardous Substances Information System (HSIS) The National Transport Commission- Australian Dangerous Goods Code (ADG Code) Relevant Raw Material Suppliers- Component Safety Data Sheets. Safe Work Australia - Code of Practice - Preparation of Safety Data Sheets for Hazardous Chemicals Safe Work Australia - Code of Practice - Labelling of Workplace Hazardous Chemicals Safe Work Australia - Workplace Exposure Standards for Airborne Contaminants Safe Work Australia - Hazardous Chemical Information System (HCIS) Australian Inventory of Industrial Chemicals (AICIS Inventory) Environmental Protection Authority - Hazardous Substances (Hazard Classification) Notice 2020 Environmental Protection Authority - Hazardous Substances (Safety Data Sheets) Notice 2017 Environmental Protection Authority - Hazardous Substances (Labelling) Notice 2017 New Zealand - Chemical Classification and Information Database (CCID) New Zealand - Inventory of Chemicals (NZIoC) European Chemicals Agency (ECHA) - Annex VI (C&L Inventory) European Chemicals Agency (ECHA) - REACH Study Results European Chemicals Agency (ECHA) - REACH Registration Dossiers United Nations - Globally Harmonised System of Classification and Labelling of Chemicals (GHS) Uniform Scheduling of Medicines and Poisons (SUSMP) United Nations Recommendations on the Transport of Dangerous Goods (UNRTDG Model Regulation) Australian Dangerous Goods Code (ADG Code) International Air Transport Association Dangerous Goods Regulations (IATA DGR) International Maritime Dangerous Goods (IMDG Code).
Revision date	:	01/11/2021
Other information	:	EMERGENCY CONTACT NUMBER (Exposure and Environment): 1300 767 872. The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions of application are beyond our control Sopura Australia Pty Ltd and its associated companies do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.

Classification	
Ox. Liq. 1	H271
Skin Corr. 1A	H314
Eye Dam. 1	H318

Full text of H-statements	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Ox. Liq. 1	Oxidising Liquids, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
H271	May cause fire or explosion; strong oxidiser

Full text of H-statements	
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H332	Harmful if inhaled

Safety Data Sheet (SDS), Australia

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.