

HYDROGEN PEROXIDE 50%

Safety Data Sheet

according to the Model Work Health and Safety Regulations

Date of issue:21/03/2019

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Version: 1.0

VELOCITY
VEHICLE CARE

SECTION 1: Identification : Product identifier and chemical identity

1.1. Product identifier

Product form : Mixture
Product name : HYDROGEN PEROXIDE 50%
Product code : HP50%
Other means of identification : Hydrogen Peroxide Solution

1.2. Recommended uses and restrictions

Recommended use : Water Treatment Chemical
Industrial Cleaning Agent
Restrictions on use : For Industrial Use Only

1.3. Supplier information

Supplier
VELOCITY VEHICLE CARE
10 Holmwood Rd
3012 Tottenham - Australia
T 1300 990 074
<https://www.velocityvehiclecare.com/>

1.4. Emergency telephone number

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

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification (GHS-AU)

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

2.2. Label elements

Hazard pictograms (GHS-AU) :



GHS03

GHS05

Signal word (GHS-AU) :

Danger

Contains :

Hydrogen Peroxide (30 - 60 %)

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/sparks/open flames/hot surfaces. - No smoking
P220 - Keep/Store away from clothing and other combustible materials
P221 - Take any precaution to avoid mixing with combustibles/...
P260 - Do not breathe dust/fume/gas/mist/vapours/spray
P264 - Wash hands, forearms and face thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P283 - Wear fire/flame resistant/retardant clothing
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P304+P340 - IF INHALED: remove victim to fresh air and keep at rest in a position 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
P310 - Immediately call a POISON CENTER or doctor/physician
P321 - Specific treatment (see supplemental first aid instruction on this label)
P363 - Wash contaminated clothing before reuse
P370+P378 - In case of fire: Use ... for extinction
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
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

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

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

Name	CAS No	Concentration (%)
Hydrogen Peroxide	7722-84-1	30 - 60
Non Hazardous Ingredients		To 100%

SECTION 4: First aid measures

4.1. Description of 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 skin with water/shower. Rinse immediately contaminated clothing and skin with plenty of water before removing clothes. Remove/Take off immediately all contaminated clothing. Call a physician immediately.
First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately.
First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Call a physician immediately.

4.2. Symptoms caused by exposure

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

4.3. Indication of any immediate medical attention and special treatment needed

Other medical advice or treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Fire hazard : May cause fire or explosion; strong oxidiser.

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.
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Hazchemcode : 2P

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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 material 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, including how the chemical may be safely used

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.

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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

Storage conditions : Store locked up. Store in a well-ventilated place. Keep cool.
Incompatible materials : combustible materials.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

Hydrogen Peroxide (7722-84-1)		
Australia	Local name	Hydrogen peroxide
Australia	TWA (mg/m ³)	1.4 mg/m ³
Australia	TWA (ppm)	1 ppm

Exposure limit values for the other components

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Personal protective equipment

Hand protection : Protective gloves
Eye protection : Safety glasses
Skin and body protection : Wear fire/flame resistant/retardant clothing
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment
Environmental exposure controls : Avoid release to the environment.

SECTION 9: Physical and chemical properties

Physical state : Liquid
Appearance : Clear, colorless liquid.
Colour : No data available
Odour : characteristic
Odour threshold : No data available
pH : No data available
pH solution : No data available
Relative evaporation rate (butylacetate=1) : No data available
Freezing point : ≈ -25 °C
Melting point : Not applicable
Boiling point : ≈ 106 °C
Flash point : No data available
Auto-ignition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative density : 1.12 - 1.15
Density : No data available
Solubility : Miscible with water.
Log Pow : No data available
Viscosity : No data available
Oxidising properties : May cause or intensify fire; oxidizer

SECTION 10: Stability and reactivity

Reactivity : May cause fire or explosion; strong oxidiser. 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.

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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)	: May cause irritation if ingested.
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Causes severe skin burns and eye damage.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitisation	: May cause irritation if ingested.
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.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: 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

SECTION 13: Disposal considerations

Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
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SECTION 14: Transport information

14.1. UN number

UN-No. (ADG)	: 2014
UN-No. (IMDG)	: 2014
UN-No. (IATA)	: 2014

14.2. Proper Shipping Name (ADR) - Addition

Proper Shipping Name (ADG)	: HYDROGEN PEROXIDE, AQUEOUS SOLUTION
Proper Shipping Name (ADR) (IMDG)	: HYDROGEN PEROXIDE, AQUEOUS SOLUTION
Proper Shipping Name (ADR) (IATA)	: HYDROGEN PEROXIDE, AQUEOUS SOLUTION

14.3. Transport hazard class(es)

ADG

Transport hazard class(es) (ADG)	: 5.1 (8)
Danger labels (ADG)	: 5.1, 8

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IMDG

Transport hazard class(es) (IMDG) : 5.1 (8)

Danger labels (IMDG) : 5.1, 8



IATA

Transport hazard class(es) (IATA) : 5.1 (8)

Hazard labels (IATA) : 5.1, 8



14.4. Packing group

Packing group (ADG) : II

Packing group (IMDG) : II

Packing group (IATA) : II

14.5. Environmental hazards

Marine pollutant : No

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

UN-No. (ADG) : 2014

Limited quantities (ADG) : 1I

Packing instructions (ADG) : P504, IBC02

Special packing provisions (ADG) : PP10, B5

Portable tank and bulk container instructions (ADG) : T7

Portable tank and bulk container special provisions (ADG) : TP2, TP6, TP24

Transport by sea

UN-No. (IMDG) : 2014

Limited quantities (IMDG) : 1 L

Excepted quantities (IMDG) : E2

Packing instructions (IMDG) : P504

Special packing provisions (IMDG) : PP10

IBC packing instructions (IMDG) : IBC02

IBC special provisions (IMDG) : B5

Tank instructions (IMDG) : T7

Tank special provisions (IMDG) : TP2, TP6, TP24

EmS-No. (Fire) : F-H - FIRE SCHEDULE Hotel - OXIDIZING SUBSTANCES WITH EXPLOSIVE POTENTIAL

EmS-No. (Spillage) : S-Q - SPILLAGE SCHEDULE Quebec - OXIDIZING SUBSTANCES

Stowage category (IMDG) : D

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Air transport

UN-No. (IATA)	: 2014
PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y540
PCA limited quantity max net quantity (IATA)	: 0.5L
PCA packing instructions (IATA)	: 550
PCA max net quantity (IATA)	: 1L
CAO packing instructions (IATA)	: 554
CAO max net quantity (IATA)	: 5L
ERG code (IATA)	: 5C

14.8. Hazchem or Emergency Action Code

Hazchemcode : 2P

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Relevant Poisons Schedule number : Schedule 6

15.2. International agreements

No additional information available

SECTION 16: Any other relevant information

Indication of changes:

First Issue.

Revision date : 21/03/2019

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: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
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H318	Causes serious eye damage
H332	Harmful if inhaled

SOAU_SDS_GHS5.0

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

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