

Date of issue: 17 June 2019
Revised by: Simonne Moses - HSNO Consultant SDS No: 1

Safety Data Sheet

Advanced Peroxide Cleaner

Classified as: Hazardous according to the EPA Hazardous Substances
(Minimum Degrees of Hazard) Notice 2017.

Section 1: SUBSTANCE AND SUPPLIER DETAILS

Product Name: Advanced Peroxide Cleaner

Supplier: The Restoration Group Ltd
43 Corunna Bay
Hospital Hill
Napier 4110
New Zealand

Phone: +64 21 893 640

Recommended Use: Mould and mildew stain remover

In Case of Emergency Contact:

CHEMCALL: 0800 CHEMCALL (243 622)

Section 2: HAZARDS IDENTIFICATION

Advanced Peroxide Cleaner is not classified as a Dangerous Good for Transport.

Advanced Peroxide Cleaner is classified as hazardous according to criteria in the EPA Hazardous Substances (Minimum Degrees of Hazards) Notice 2017.

Classified under the group standard "Cleaning Products (Subsidiary Hazard) Group Standard 2017"

HSNO APPROVAL NUMBER: **HSR002530**

HSNO CLASSIFICATIONS: 6.1E - Acutely toxic, oral
6.3A – Irritating to skin
8.3A – Corrosive to eyes

GHS Classification: Acute toxicity oral - Category 5
Skin corrosion/irritation – Category 2
Serious eye damage/eye irritation - Category 1

Hazard Statements:

H303 May be harmful if swallowed
H315 Causes skin irritation
H318 Causes serious eye damage

GHS Pictograms:



DANGER

PREVENTION STATEMENTS:

- P102 - Keep out of reach of children.
- P103 - Read label before use.
- P264 - Wash hands, exposed skin, thoroughly after handling.
- P280 - Wear protective gloves, protective clothing, eye protection, face protection.

RESPONSE STATEMENTS:

- P101 - If medical advice is needed, have product container or label at hand.
- P312 - Call a POISON CENTER or doctor/physician if you feel unwell.
- P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.
- P321 - Specific treatment (See first aid instructions on this label).
- P332 + P313 - If skin irritation occurs: Get medical advice/attention.
- P362 - Take off contaminated clothing and wash before re-use.
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 - Immediately call a POISON CENTER or doctor/physician.

DISPOSAL

- P501 - In accordance with the EPA Hazardous Substances (Disposal) Notice 2017. Refer to Section 13 of this SDS.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Main Component	CAS Number	Concentration
Hydrogen Peroxide	7722-84-1	5 – 7.9%
Sodium Octanesulfonate	5324-84-5	0 – 5%
Ethoxylate Alcohol	68439-46-3	0 – 5%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: FIRST AID MEASURES

- Workplace Facilities Required:** Eye wash and safety shower facilities should be provided.
- If Inhaled:** Remove to fresh air. Seek medical attention if symptoms persist.
- In Contact with Eye:** Hold eyes open, flush with water for at least 15 minutes. Seek immediate medical attention. Continue flushing.

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In Contact with Skin: Wash skin with plenty of water, while removing contaminated clothing and shoes. Wash contaminated clothing before re-use. Seek medical attention if skin irritation develops and persists.

If Swallowed: DO NOT INDUCE VOMITING. Rinse mouth. Give small quantities of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention. If vomiting occurs, keep head below hips to prevent aspiration to lungs.

Advice to Doctor: Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Product is not flammable or combustible. May give off oxygen when exposed to high temperatures which could intensify a surrounding fire.

Suitable Extinguishing Media: Use carbon dioxide, dry powder or water spray. Use extinguishing media suitable for surrounding fire.

Precautions in Connection with Fire: May give off irritating gases and vapours.

Advice for firefighters: Wear full firefighting gear and self-contained breathing apparatus.

Section 6: ACCIDENTAL RELEASE MEASURES

An emergency response plan is required under Part 5 of the Health and Safety at Work (Hazardous Substances) Regulations 2017 when held in quantities greater than 10,000L.

Precautions: Clear area of all unprotected personnel. Keep unnecessary and unprotected personnel from entering area. Avoid generating mists/sprays.

Suitable Protective Equipment: Emergency responders must use personal protective equipment, including gloves, protective overalls and footwear, safety goggles or face shield and respiratory protection if there is a risk of inhaling mists/sprays.

Spill or Leak Procedures. Contain the spill. Absorb spill with non-combustible material such as sand, earth. Ensure waste container is properly labelled.

Waste Disposal Methods: Dispose of as per Section 13.

Emergency preparation: Ensure there is appropriate and adequate personal protective equipment, trained personnel and clean up materials for management of accidental release.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with skin and eyes. Do not breathe mists/sprays. Do not eat drink or smoke when using this product. Remove contaminated clothing and wash hands and face before entering eating areas.

Storage: Keep in original container or a suitable alternative made of compatible material. Keep container tightly closed when not in use. Store in a cool, dry, well-ventilated area. Do not exceed storage temperature of 32°C. Do not allow temperature to drop below 4.5°C.

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Site Storage Requirements: Site Signage will be required when quantities exceed 1,000L.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards NZ:	No Workplace Exposure Standards have been established for this product. Workplace Exposure Standards have been established for the following ingredients: Hydrogen Peroxide: TWA 1 ppm, 1.4 mg/m ³
Engineering Controls:	Eyewash facilities and safety showers should be provided in the work area where there is a risk of exposure to eyes and skin. If use generates mists/sprays, use engineering controls such as local exhaust ventilation to ensure workers are not exposed to levels exceeding the exposure standards.
Personal Protective Equipment:	Avoid contact with the skin and eyes. Avoid inhaling mists/sprays.
Hand protection:	Wear protective gloves that are resistant to the product. Refer to Australian and New Zealand Standard AS/NZS 2161 for protective gloves.
Skin and body protection:	Use protective clothing. Remove any contaminated clothing to avoid prolonged contact with the skin. Wash work clothes regularly. Refer to Australian and New Zealand Standard AS/NZS 4501 for occupational protective clothing.
Eye protection:	Use safety goggles to protect eyes. Refer to AS/NZS 1336 for suitable eye and face protection.
Respiratory protection:	Where there is inadequate ventilation, and use results in the formation of mists/sprays, use a respirator. Refer to AS/NZS 1715 and AS/NZS 1716 for suitable respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Other information:	PPE selected must be impervious to the substance. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating, drinking or smoking. Handle in accordance with safe industrial hygiene practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Description:	Liquid	Colour:	Clear, colourless
Odour:	Characteristic	Odour Threshold:	Not determined
pH (20°C):	7.5-8.5	Solubility (water, 20°C):	Soluble
Freezing point:	~0°C	Boiling Point:	~100°C
Flammability:	Non-flammable	Flash Point:	Not applicable
UEL/LEL:	Not applicable	Vapour Pressure (20°C):	> 20 mm Hg
Vapour Density:	≤ 1	Evaporation Rate:	1.0
Decomposition Temp:	32°C	Autoignition Temp:	Not applicable
Specific Gravity (20°C):	1.035	Bulk Density (20°C):	Not determined
Partition Coefficient: n-octanol/water	Not determined	Viscosity:	Water thin

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Percent Volatile: >90

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal dry storage conditions.

Reactivity: May react with combustible materials.

Conditions to Avoid: Excessive heat, contact with combustible materials.

Incompatibility: Incompatible with reducing agents, organic materials and combustible materials such as paper, cardboard, wood.

Hazardous Decomposition: May release oxygen at high temperatures which could intensify a fire.

Section 11: TOXICOLOGICAL INFORMATION

Acute Exposure

Acute Toxicity: LD50 oral >2000 - ≤5000 mg/kg. (by calculation).

Inhalation: Not expected to be a respiratory irritant, however, inhalation of mists/sprays may cause coughing.

Ingestion: May be harmful if swallowed. May cause gastrointestinal irritation, nausea and vomiting.

Skin Contact: Irritating to skin.

Eye Contact: Corrosive to eyes.

Sensitiser: Not expected to be a respiratory or contact sensitiser.

Chronic Exposure:

Mutagen/Carcinogen/Reproductive Toxicant No chronic toxicity effects expected.

Specific Target Organ Systemic Toxicity: No known toxic or harmful effects on human target organs or systems.

Toxicity data is based on hazardous ingredient information and information in the EPA Chemical Classification and Identification Database.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: LC/EC₅₀ >100 mg/L.
Product is not expected to be toxic or harmful to the environment.

Persistence/degradability: Product is biodegradable.

Bio-accumulation: Not bio-accumulative.

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Mobility: Product is soluble in water.
Ecotoxicity data is based on hazardous ingredient information.

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Recycle and reuse wherever possible. Dispose of waste product via an approved waste disposal contractor.

Disposal of Packaging: Packaging may contain product residues and should be treated as hazardous. Dispose of packaging via an approved waste disposal contractor.

Section 14: TRANSPORT INFORMATION

Advanced Peroxide Cleaner is not classified as a Dangerous Good for transport in accordance with NZS5433:2012, IMDG or IATA.

Ensure transportation methods prevent leakage from packages and collapsing loads.

Section 15: REGULATORY INFORMATION

Group Standard Allocation: Cleaning Products (Subsidiary Hazard) Group Standard 2017

HSNO Approval Code: HSR002530

HSNO Classifications:

6.1E oral	Acutely toxic
6.3A	Skin irritant
8.3A	Eye corrosive

This substance triggers:	Compliance Certificate	N/A
	Certified Handler	N/A
	Emergency Response Plan	10,000L
	Secondary Containment	10,000L
	Signage	1,000L

This substance is not required to be Tracked. All workplace personnel handling this substance are required to be trained on the safe handling and PPE requirements for the hazards associated with this substance.

Section 16: OTHER INFORMATION

The information provided in this Safety Data Sheet relates only to the specific material designated herein. This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products.

This substance is approved under HSNO for use as a cleaning chemical. All reasonable care has been taken to ensure that the information and advice contained herein are from sources believed to be reliable and to represent

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the most up-to-date knowledge available at the date given in Section 16. No liability is assumed for any damages related to the use or misuse of this substance.

All chemical materials may present unknown hazards as people have varying degrees of sensitivity to chemicals. Therefore, this product should be used with caution. The information herein is given in good faith, but no warranty, express or implied is made.

SDS Issued: 17 June 2019

Reason for Revision: Update to New Zealand regulatory requirements.

References:

EPA NZ Chemical Classification and Information Database
EPA Guide: Assigning a Hazardous Substance to a Group Standard, 2014
Supplier SDS: Fibrelock Technologies Inc, IAQ Advanced Peroxide Cleaner No. 8314

END OF SAFETY DATA SHEET