

30 SECONDS LTD

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SAFETY DATA SHEET

Section 1: Identification of the material and the supplier

Product: 30 Seconds – Roof and Awning cleaner

Product Use: For the removal of Lichen, Moss, Mould & Algae from roofs and awnings

New Zealand Manufacturer: **30 Seconds Ltd**

Address: 9B Garland Street
Matamata
New Zealand

Telephone: 64 7 880 9380

Australian Supplier: **Tradeware**

Address: 45 Birralea Road
Regency Park
SA, 5010 Australia

Telephone: 61 8 8244 0344

Emergency Telephone: **New Zealand: 0800 764 766 (NZ Poisons & Hazardous Chemicals Centre)**
Australia: 13 11 26 (Poisons Information Centre)

Section 2: Hazards Identification

This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001.
This substance is hazardous according to the criteria of Safe Work Australia.

This substance is not classified as a dangerous good for Land Transport in New Zealand according to NZS5433: 2012
This substance is not classified as a dangerous good for Land Transport according to the Australian Code for Transport of Dangerous Goods.

NZ EPA Approval Code: Cleaning Products (Subsidiary Hazard) Group Standard 2017 – HSR002530

Pictograms:



Signal Word:
Warning

GHS Classification	GHS Category	HSNO Classification	Hazard Code	Hazard Statement
Acute Toxicity: Oral	Category 4	6.1D – Oral	H302	Harmful if swallowed
Skin Corrosion/Irritation	Category 2	6.3A	H315	Cause skin irritation
Serious Eye Damage/Irritation	Category 2A	6.4A	H319	Causes serious eye irritation
Ecotoxic to Terrestrial Vertebrates		9.3C	H433	Harmful to terrestrial vertebrates

Prevention Code	Prevention Statement
P102	Keep out of reach of children
P103	Read label before use
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P280	Wear protective gloves, protective clothing, eye and/or face protection

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand
P321	Wash exposed skin thoroughly with water
P330	Rinse mouth
P362	Take off contaminated clothing and wash before re-use
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses (if present and easy to do). Continue rinsing
P337 + P313	If eye irritation persists. Get medical advice/attention

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Dispose as per Local Regulations.

Section 3:	Composition / Information on Ingredients
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Ingredients	Weight %	CAS NUMBER.
Benzyl-C12-16-alkyl dimethylammonium chloride	10 - 30%	68424-85-1
Non-hazardous Ingredients	Balance	

Section 4:	First Aid Measures
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Recommended first aid facilities:

Ready access to running water is required. Accessible eyewash is required. Emergency Ready access to shower, hand wash & soap.

Routes of Exposure:

If in Eyes	Rinse for at least 15 minutes lifting eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical assistance if needed.
If on Skin	Wash skin with soap and water. Take off contaminated clothing and wash before re-use. Seek medical assistance if needed.
If Swallowed	Do not induce vomiting. Never give liquid to a person showing signs of reduced awareness or becoming unconscious. Seek medical assistance if needed or contact poisons information Centre.
If Inhaled	Remove patient to fresh air. If breathing becomes difficult get medical attention.

Section 5: Fire Fighting Measures

Hazard Type	Non-flammable
Extinguishing media	Dry chemical powder, foam, water fog, water jet.
Fire/Explosion Hazard	Non-combustible liquid. Decomposes on heating and produces toxic fumes of chlorine.
Precautions for firefighters and special protective clothing	Self-contained breathing apparatus. Safety boots, Fire retardant overalls, gloves, hat and eye protection.

Section 6: Accidental Release Measures

Minor Spills: Wear protective equipment to prevent skin, eye and respiratory exposure. Contain using sand, earth or vermiculite.

Major Spills: Prevent by whatever means possible any spillage from entering drains, sewers, or water courses. (If this occurs contact your regional council immediately).
Use absorbent (soil, sand or other inert material). Rags are not recommended for the clean-up of spills, as they may create fire or environmental hazard.
Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.
Mop up and collect recoverable material into labelled containers for recycling or salvage.
Recycle containers wherever possible. This material may be suitable for approved landfill. Dispose of only in accord with all regulations.

Section 7: Handling and Storage**Precautions for safe handling and storage for bulk quantities:**

- Keep out of reach of children.
- Read label before use.
- Read safety data sheet before use
- Wear protective clothing.
- Wash hands thoroughly after handling.
- Avoid release to the environment
- Protect from light and check regularly for spills & leaks.
- Store in original container, tightly closed in a locked, dry, cool, well-ventilated area protected from sunlight.
- Store away from foodstuffs
- Do not contaminate drinking water, food or feed by storage or disposal

Section 8: Exposure Controls / Personal Protection**Engineering Controls:**

Exposure can be reduced by process modification, use of local exhaust ventilation, capturing substances at the source, or other methods. If you believe air borne concentrations of mists, dusts or vapours are high, you are advised to modify processes or increase ventilation.

Personal Protective Equipment:**Eyes:**

Protect eyes with goggles, safety glasses or full-face mask. Avoid wearing contact lenses.

Skin:

Avoid repeated or prolonged skin contact. Wear PVC Apron, overalls, rubber boots and impervious gloves. Remove protective clothing and wash exposed areas with soap and water prior to eating or drinking.

Respiratory:

Use a P3 level respirator that complies with AS/NZS 1715 when operating in enclosed spaces or at risk of vapour/mist generation during use.

Section 9:	Physical and Chemical Properties
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Physical State:	Liquid	Upper explosive limit:	Not available
Appearance:	Colourless to pale straw	Lower explosive limit:	Not available
Odour:	Slight	Vapour pressure:	Not available
Odour threshold:	Not available	Vapour density:	Not available
Relative density:	0.99 g/mL (approx.)	Solubility in water:	Soluble
pH as supplied:	7 – 9	Partition coefficient n-octanol/water:	Not available
Freezing point:	Not available	Autoignition temperature:	Not available
Boiling point:	100°C approx.	Decomposition temperature:	Not available
Flash point:	Not available	Kinematic Viscosity (RVT-S1 @20rpm):	230-250cP
Flammability:	Not available		

Section 10:	Stability and Reactivity
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Chemical Stability	Stable under normal storage conditions.
Conditions to Avoid	Containers should be kept closed in order to avoid contamination. Keep from extreme heat and open flames. Do not store near combustible materials.
Incompatibility	Strong oxidizing agents
Hazardous Decomposition Products	Toxic organic vapours, amines, oxides of carbon, nitrogen and hydrogen chloride.

Section 11:	Toxicological Information
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Summary

No specific data is available for this product.

Toxicological data has been evaluated/calculated for the mixture. The product is considered to have the following potential health effects.

The product is harmful if ingested. Contact with skin may result in irritation. Contact with the eyes may result in serious irritation.

Supporting Data:

Acute	Oral	The mixture is considered acutely toxic by ingestion based on information for Benzyl-C12-16 alkyl dimethylammonium chloride >25% in a no-hazardous diluent from the NZEPA CCID
	Dermal	No Data
	Inhaled	No Data
	Eye	The mixture is considered an eye irritant based on information for Benzyl-C12-16 alkyl dimethylammonium chloride >25% in a non-hazardous diluent from the NZEPA CCID
	Skin	The mixture is a skin irritant based on information for Benzyl-C12-16 alkyl dimethylammonium chloride >25% in a non-hazardous diluent from the NZEPA CCID.
Chronic	Sensitization	No Data
	Mutagenicity	No Data
	Carcinogenicity	No Data
	Reproductive/development	No Data
	Systemic	No Data
	Aggravation of existing conditions	None Known

Section 12: Ecological Information**Summary**

No specific data is available for this product.

Aquatic	No Data
Bioaccumulation	No Data
Degradability	No Data
Soil	No Data
Terrestrial vertebrate	The mixture is harmful to terrestrial vertebrates based on information for Benzyl-C12-16 alkyl dimethylammonium chloride >25% in a non-hazardous diluent from the NZEPA CCID.
Terrestrial invertebrate	No Data

Environmental Protection: Avoid contaminating waterways. Do not discharge the product into drains or sewers.

Section 13: Disposal Considerations

Rinse containers well with water before disposal. Preferably re-cycle container, otherwise send to an authorized landfill or similar.

Section 14: Transport Information

This product is not classified as hazardous for transport according to the following:

- NZS 5433:2017 – Safe Transport of Dangerous Goods.
- ADG – Australian Code for Transport of Dangerous Goods.
- IMDG – International Maritime Dangerous Goods Code.
- IATA – International Air Transport Association.

This substance is not a Marine Pollutant.

Section 15: Regulatory Information

EPA Approval Code: Cleaning Products (Subsidiary Hazard) Group Standard 2017 – HSR002530

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Certified Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	>10,000L (6.1D)
Emergency Response Plan Trigger Quantities	>1,000L (6.1D)

NZIoC: All components are listed on the New Zealand Inventory of Chemical Substances

AICS: All components are listed on the Australian Inventory of Chemical Substances

Section 16 Other Information

SDS Version Number: 1.0

SDS Effective Date: 20 September 2019

SDS Review Date: 20 September 2024

SDS Regulation: The content and format of this SDS is in accordance with HSNO Approved Code of Practice (No. HSNO COP 8-1 09-06): Preparation of Safety Data Sheets.

Abbreviations:

AICS	Australian Inventory of Chemical Substances
CAS	Chemical Abstracts Service (Registry Number)
CCID	Chemical Classification and Identification Database
g	Grams
g/mL	Grams per millilitre (Density)
GHS	Globally Harmonised System of Hazard Classification
HSNO	Hazardous Substances and New Organisms Act 1997
NZEPA	New Zealand Environmental Protection Agency
mL	Millilitres

Disclaimer:

This document is compiled based on current knowledge as provided by 30 Seconds Ltd or information obtained from third party sources relating to safety and handling precautions for this product.

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