30 SECONDS LTD

9B Garland Street Matamata New Zealand	PO Box 46 Matamata New Zealand	Phone: 64 7 880 9380 Fax: 64 7 880 9390 Email: contactus@30seconds.net.nz

SAFETY DATA SHEET

Section 1: Identification of the material and the supplier

Product: 30 Seconds – Spray and Walk Away Concentrate

Product Use: Outdoor Lichen, moss, mould, and algae cleaner

New Zealand Manufacturer: **30 Seconds Ltd**

Address: 9B Garland Street
Matamata
New Zealand

Telephone: 64 7 880 9380

Australian Supplier: **Tradeware**

Address: 46 Birralee Road
Regency Park
SA, 5010 Australia

Telephone: 61 8 8244 0344

Emergency Telephone: **New Zealand: 0800 764 766 (NZ Poisons & Hazardous Chemicals Centre)**
New Zealand CHEMCALL: 0800 243 622 (For any chemical emergency 24 hour- 365 day service)
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 – Reprinted 2017.
This substance is hazardous according to the criteria of Safe Work Australia.

This substance is classified as a dangerous good for Land Transport in New Zealand according to NZS5433: 2020
This substance is classified as a dangerous good for Land Transport according to the Australian Code for Transport of Dangerous Goods.

NZ EPA Approval Code: **Cleaning Products (Corrosive) Group Standard 2020 – HSR002526**

Pictograms:

Signal Word:
DANGER

GHS Classification	GHS Category	Hazard Statements
Skin Corrosion	1	Causes severe skin burns and eye damage.
Serious Eye Damage	1	Causes serious eye damage.
Skin Sensitisation	1	May cause an allergic skin reaction
Hazardous to the Aquatic Environment (Acute)	1	Very Toxic to Aquatic Life
Hazardous to terrestrial vertebrates	-	Harmful to terrestrial vertebrates.

Prevention Statements
Keep out of reach of children
Read label before use
Do not breathe vapours or spray
Contaminated work clothing should not be allowed out of the workplace.
Wash hands thoroughly after handling
Avoid release to the environment
Wear protective clothing and eye or face protection

Response Statements
If medical advice is needed, have product container or label at hand
Immediately call a POISON CENTER or doctor
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical attention
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
If skin irritation or rash occurs: Get medical advice.
Wash contaminated clothing before reuse.
Collect spillage

Storage Statements
Store locked up.

Disposal Statements
Dispose as per Local Regulations.

Section 3: Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Benzalkonium Chloride	< 10%	68424-85-1
Didecyldimethyl Ammonium Chloride	< 1%	7173-51-5
NON HAZARDOUS INGREDIENTS	To 100%	-

Section 4: First Aid Measures

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 cautiously for at least 15 minutes lifting eyelids. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical assistance if irritation occurs.
If on Skin	Wash skin with plenty of soap and water. Take off contaminated clothing and wash before re-use. Seek medical assistance if irritation occurs.
If Swallowed	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
Hazchem	2X
Extinguishing media	Dry chemical powder, foam, fog sprays, and water spray

Inappropriate extinguishing media	Water jets
Fire/Explosion Hazard	Thermal decomposition on burning may produce toxic vapor or gases.
Precautions for firefighters and special protective clothing	Standard fire-fighting procedures may be followed, including full protective gear.

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 labeled 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 labeled 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.
- Wash hands thoroughly after handling.
- Avoid contact with eyes.
- Avoid breathing vapour, mist or spray
- Check regularly for spills & leaks.
- Wash hands thoroughly after handling.
- Do not eat, drink, or smoke when using this product
- Store in original container, in a cool place

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 vapors 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 prolonged skin contact. Wear impervious gloves. Remove protective clothing and wash exposed areas with soap and water prior to eating or drinking.

Inhalation:
Avoid inhalation of vapour, mist or aerosol. Use appropriate/approved respiratory protection if required.

Occupational Exposure limits
None

Section 9: Physical and Chemical Properties

Physical State:	Liquid	Upper explosive limit:	No data available
Appearance:	Colourless to pale straw	Lower explosive limit:	No data available
Odour:	Slight	Vapour pressure:	No data available
Odour threshold:	Not available	Vapour density:	No data available
Relative density:	Approximately 1.0	Solubility in water:	Soluble
pH as supplied:	7 – 9	Partition coefficient n-octanol/water:	No data available
Freezing point	No data available	Autoignition temperature:	No data available
Boiling point:	No data available	Decomposition temperature:	No data available
Flash point:	No data available	Kinematic Viscosity (RVT-S1 @20rpm):	No data available
Flammability:	No data available		

Section 10: Stability and Reactivity

Chemical Stability Stable under normal storage conditions

Conditions to Avoid Containers should be kept closed to avoid contamination. Keep from extreme heat and open flames. Do not store near combustible materials.

Incompatibility Strong acids or oxidizing agents.

Hazardous Decomposition Products Carbon monoxide, Carbon dioxide, chlorine and nitrogen Oxides

Section 11: Toxicological Information

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.
Contact with the eyes may result in serious eye irritation.

Supporting Data:

Acute	Oral	Calculations of LD_{50} for the mixture is >5000 mg/kg. No classification required.
	Dermal	Calculations of LD_{50} for the mixture is >5000 mg/kg. No classification required.
	Inhaled	No Data
	Eye	The mixture is considered to be corrosive to the eyes based on the quantities of components in the mixture which have an irritancy/damage classification.
	Skin	The mixture is considered to be corrosive to the skin based on the quantities of components in the mixture which have an irritancy/damage classification.
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	Very toxic to aquatic life (acute toxicity)
Bioaccumulation	Not expected to bio-accumulate.
Degradability	Expected to be rapidly degradable.
Soil	No Data
Terrestrial vertebrate	Harmful to terrestrial vertebrates
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.

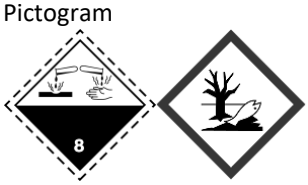
Section 14: Transport Information

This product is classified as dangerous goods for transport according to the following:

- NZS 5433:2020 – Safe Transport of Dangerous Goods.
- ADG – Australian Code for Transport of Dangerous Goods.
- IMDG – International Maritime Dangerous Goods Code.
- IATA – International Air Transport Association.

UN Number	UN1760
Proper Shipping Name	CORROSIVE LIQUID, N.O.S (Benzalkonium chloride) MARINE POLLUTANT

Pictogram



Packing Group	II
Class	8 (9)
Marine Pollutant	Yes
LQ	1L

Section 15: Regulatory Information

NZ EPA Approval Code: Cleaning Products (Corrosive) Group Standard 2020 – HSR002526

HSNO Controls:
Trigger quantities for this substance:

	Trigger Quantity
Certified Handler	Not required
Location Certificate	250L
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	100 L
Emergency Response Plan Trigger Quantities	100 L

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: 2.6

- Version 2.5 – Change to incorporate DDAC addition.
- Version 2.4 – Change to GHS7 hazard classification.
- Version 2.5 – Change to meet sds template

SDS Effective Date: **01 December 2021**
SDS Review Date: **01 December 2026**

SDS Regulation: The content and format of this SDS is in accordance with HSNO Approved Code of Practice (No. HSNOCOP 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. Grayson Wagner has taken all due care to include accurate and up-to-date information in this document and does not provide any warranty as to accuracy or completeness. The information herein is given in good faith, but no warranty, express or implied is made.