



SAFETY DATA SHEET

Section 1: Identification of the material and the supplier

Product:	30 Seconds – Outdoor Cleaner New Generation Concentrate
Product Use:	For the removal of Algae, Moss, Mould and Mildew from exterior surfaces.
New Zealand Manufacturer:	30 Seconds Ltd
Address:	9B Garland Street Matamata New Zealand
Telephone:	64 7 880 9380
Australian Supplier:	Tradeware
Address:	45 Birralee 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 classified as: Xi, Irritating, Hazardous according to the criteria of SWA

This substance is not classified as a dangerous good for Land Transport in New Zealand according to NZS5433:2012 and the Land Transport Rule Dangerous Goods 2005.

This substance is not classified as dangerous goods for Land Transport in Australia according to the ADG code. NZ EPA Approval Code: Cleaning Products Group Standard (subsidiary hazard) – HSR002530

SIGNAL WORD: DANGER

EPA Approval Code: Cleaning Products (subsidiary hazard) – HSR002530

Pictograms:



HSNO Classification	Hazard Code	Hazard Statement	GHS Hazard category
6.3A	H315	Causes skin irritation.	Skin corrosion/irritation - Category 2
8.3A	H318	Causes serious eye damage.	Serious eye damage/eye irritation - Category 1
9.1B	H402	Toxic to aquatic life.	Aquatic toxicity (Acute) - Category 2

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P104	Read safety data sheet before use
P264	Wash hands thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective clothing.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P310	Immediately call a POISON CENTER or doctor/physician.
P362	Take off contaminated clothing and wash before re-use.
P391	Collect spillage.
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.
P332 + P313	If skin irritation occurs: Get medical advice/ attention.

Storage Code	Storage Statement
None allocated	

Disposal Code	Disposal Statement
P501	Dispose as per Local Regulations.

Emergency Overview

Colour: Light Yellow
Odour: Bleach Odour
Major Health Hazards: Contact with skin may result in irritation. Contact with the eyes may result in serious eye damage.

Section 3: Composition / Information on Ingredients
--

Ingredients	Wt%	CAS NUMBER.
Sodium Hypochlorite	1-5%	7681-52-9
Sodium Ash	1-2%	497-19-8
Surfactant	1 -2%	Proprietary
Corrosion inhibitor	0.5 -1%	Proprietary
Non-hazardous ingredients	To balance	

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 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	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, fog sprays, water jets.
Fire/Explosion Hazard	Decomposes on heating and produces toxic fumes of chlorine.
Precautions for firefighters and special protective clothing	Standard fire-fighting procedures may be followed, including full protective gear.
HAZCHEM CODE	2X

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: Wear protective equipment to prevent skin and eye exposure. 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.
- Wear protective clothing.
- Avoid breathing in vapor, mist or spray.
- Wash hands thoroughly after handling.
- Avoid release to the environment
- Protect from light and check regularly for spills & leaks.

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 repeated or prolonged skin contact. Wear 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 Multi Gas & Vapor Respirator in high concentrations. If using a respirator, ensure that the cartridges are correct for the potential air contamination and are in good working order.

Section 9:	Physical and Chemical Properties
-------------------	---

State:	Liquid
Colour:	Light yellow
Odour:	Bleach odour
pH as supplied:	Not available
Solubility:	soluble in water
Evaporation rate:	not available
Freezing Point:	not available
Specific Gravity:	1.0 approx.
Vapour pressure:	not available.

Section 10:	Stability and Reactivity
--------------------	---------------------------------

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 and acids.
Hazardous Decomposition Products	Contact with acids and burning liberates toxic vapours or gases (chlorine)

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

Supporting Data:

Acute	Oral	Calculated LD50 for the mixture comes out at >5000 mg/kg.
	Dermal	No data.
	Inhaled	Inhalation of aerosols of Sodium Hypochlorite may cause lung oedema. The symptoms of lung oedema often do not become manifest until a few hours have passed, and they are aggravated by physical effort. Rest and medical observation are therefore essential.
	Eye	The mixture is considered corrosive to the eye, because Sodium Hypochlorite present at >3% is considered an eye corrosive.
	Skin	The mixture is considered a skin irritant (6.3A) based on some ingredients that are considered as skin corrosive at higher concentrations.
Chronic	Sensitization	No data.
	Mutagenicity	No data.
	Carcinogenicity	No data.
	Reproductive/ developmental Systemic	No data No data.
	Aggravation of existing conditions	None Known

Section 12:	Ecological Information
--------------------	-------------------------------

Summary

No specific data is available for this product.

Supporting Data:

Aquatic	Using EC50's for ingredients, the calculated EC50 for the mixture is between 1 mg/L and 10 mg/L. Data considered includes: Sodium Hypochlorite 0.065 mg/L (96hr, fish), 0.032 mg/L (48hr, Daphnia magna), 46 mg/L (96hr, red algae) Not bioaccumulative, readily degradable.
Soil	No Data
Terrestrial vertebrate	No Data
Terrestrial invertebrate	No Data
Biocide	This product is used for the removal of algae, moss, mold and mildew from exterior surfaces.

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 substance is not classified as dangerous goods for transport in accordance with the Land Transport Rule Dangerous Goods 2005 and NZS 5433:2012

This substance is not classified as dangerous goods for Land Transport in Australia according to the ADG code.

This substance is not classified as a dangerous good for transport according to IMDG and IATA.

This substance is not classified as a marine pollutant for transport according to IMDG.

Section 15: Regulatory Information

EPA Approval Code: Cleaning Products (subsidiary hazard) – HSR002530
 HSNO Controls:

Trigger quantities for this substance:	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not applicable
Signage Trigger Quantities	1000L (8.3, 9.1B)
Emergency Response Plan trigger Quantities	1000L (8.3 9.1B)

Section 16 Other Information

SDS Version Number: 4.1

SDS Effective Date: 13 March 2019

SDS Review Date: 13 March 2024

This SDS contains only safety-related information. For other data see product literature.

Acronyms:

ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition)
AICS	Australian Inventory of Chemical Substances
SWA	Safe Work Australia, formerly ASCC and NOHSC
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
NOS	Not otherwise specified
NTP	National Toxicology Program (USA)
R-Phrase	Risk Phrase
SUSMP	Standard for the Uniform Scheduling of Medicines & Poisons
UN Number	United Nations Number

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.

Disclaimer:

Safety Data Sheet prepared by Grayson Wagner Co Ltd.

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 Co Ltd 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.

Please contact the New Zealand proprietor, 30 Seconds Ltd, if further information is required.