



## SAFETY DATA SHEET

### Section 1: Identification of the material and the supplier

<b>Product:</b>	30 Seconds – Deck and Driveway Cleaner
<b>Product Use:</b>	For the removal of Dirt, Grime, Algae and Mildew from deck and driveway surfaces.
<b>New Zealand Manufacturer:</b>	<b>30 Seconds Ltd</b>
<b>Address:</b>	9B Garland Street Matamata New Zealand
<b>Telephone:</b>	64 7 880 9380
<b>Australian Supplier:</b>	<b>Tradeware</b>
<b>Address:</b>	45 Birralee Road Regency Park SA, 5010 Australia
<b>Telephone:</b>	61 8 8244 0344
<b>Emergency Telephone:</b>	<b>New Zealand: 0800 764 766 (NZ Poisons &amp; Hazardous Chemicals Centre) Australia: 13 11 26 (Poisons Information Centre)</b>

### 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

<b>Prevention Code</b>	<b>Prevention Statement</b>
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.

<b>Response Code</b>	<b>Response Statement</b>
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.

<b>Storage Code</b>	<b>Storage Statement</b>
None allocated	

<b>Disposal Code</b>	<b>Disposal Statement</b>
P501	Dispose as per Local Regulations.

<b>Emergency Overview</b>
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<b>Colour:</b>	Light Yellow
<b>Odour:</b>	Bleach Odour
<b>Major Health Hazards:</b>	Contact with skin may result in irritation. Contact with the eyes may result in serious eye damage.

<b>Section 3: Composition / Information on Ingredients</b>
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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**

<b>Hazard Type</b>	Non Flammable
<b>Extinguishing media</b>	Dry chemical powder, foam, fog sprays, water jets.
<b>Fire/Explosion Hazard</b>	Decomposes on heating and produces toxic fumes of chlorine.
<b>Precautions for firefighters and special protective clothing</b>	Standard fire-fighting procedures may be followed, including full protective gear.
<b>HAZCHEM CODE</b>	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.

<b>Section 8:</b>	<b>Exposure Controls / Personal Protection</b>
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**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.

<b>Section 9:</b>	<b>Physical and Chemical Properties</b>
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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.

<b>Section 10:</b>	<b>Stability and Reactivity</b>
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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 and acids.
Hazardous Decomposition Products	Contact with acids and burning liberates toxic vapours or gases (chlorine)

<b>Section 11:</b>	<b>Toxicological Information</b>
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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.

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

**Supporting Data:**

<b>Acute</b>	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.
<b>Chronic</b>	Sensitization	No data.
	Mutagenicity	No data.
	Carcinogenicity	No data.
	Reproductive/ developmental	No data
	Systemic	No data.
	Aggravation of existing conditions	None Known

<b>Section 12: Ecological Information</b>
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**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:

<b>Trigger quantities for this substance:</b>	<b>Trigger Quantity</b>
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:**

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

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