

30 SECONDS LTD

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SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: 30 Seconds Mold Armor Deck & Driveway Wash
Product Use: For the removal of Algae, Moss, Mould and Mildew stains from exterior surfaces

Manufacturer: W.M.Barr
2105 Channel Ave
Memphis, TN 38113, USA

New Zealand Supplier: **Award Concepts**
Address: 70 Lady Ruby Drive
East Tamaki
Auckland

Telephone: 64 9 272 2840
Fax Number: 64 9 535 9765

NZ Emergency Telephone: **0800 764 766 (National Poisons Centre)**
Australian Emergency No: **13 11 26**

Australian Supplier: **TRADEWARE GROUP**
Address: 45 Birralea Road
Regency Park
SA 5010, Australia
Telephone: 61 8 8244 0344

Date of SDS Preparation: 12 March 2013

Website: <http://30seconds.net.nz/>

Section 2. Hazards Identification

Australia: Hazardous according to Safe Work Australia Approved Criteria for Classifying Hazardous Substances [NOHSC (1008:2004)] 3rd Edition

New Zealand: Hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

EPA Approval Code: Cleaning Products (Corrosive hazard) – HSR002526

GHS Pictograms:



Corrosive



Ecotoxic

HSNO Classification	Hazard Code	Hazard Statement	Australian GHS Category
8.1A	H290	May be corrosive to metals.	Category 1
8.2C	H314	Causes severe skin burns and eye damage.	Category 1C
8.3A	H318	Causes serious eye damage.	Category 1
9.1A	H410	Very toxic to aquatic life with long lasting effects.	Category 1

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P104	Read safety data sheet before use
P234	Keep only in original container.
P260	Do not breathe fumes or vapours.
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.
P331	Do NOT induce vomiting.
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.
P391	Collect spillage.
P301 + P330+P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P305 + P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Storage Code	Storage Statement
P405	Store locked up.
P406	Store in corrosive resistant container with a resistant inner liner.

Disposal Code	Disposal Statement
P501	Triple rinse and dispose as per Local Regulations.

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Sodium Hypochloride	<6%	7681-52-9
Sodium Lauryl Sulfate	<3%	151-21-3
Sodium Phosphate, Tribasic	<2%	7601-54-9
Sodium Hydroxide	<2%	1310-73-2
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	Rinse mouth. DO NOT induce vomiting. Never give anything to the mouth of an unconscious person. Drink one or two glasses of water or milk. Seek medical assistance immediately.
If Inhaled	Remove patient to fresh air. Administer oxygen if breathing becomes difficult. Get medical attention.

Section 5. Fire Fighting Measures

Hazard Type	Non combustible
Hazards from combustion products	Toxic fumes.
Suitable Extinguishing media	Use extinguishing media for underlying cause of fire.
Precautions for firefighters and special protective clothing	Self-contained respiratory protection should be provided for fire fighters fighting fires in buildings or confined areas. Storage containers exposed to fire should be kept cool with water spray to prevent pressure build-up.
HAZCHEM CODE	2X

Section 6. Accidental Release Measures

Clean-up:

Keep unnecessary people away, isolate hazard area and deny entry. Stay upwind, out of low areas, and ventilate closed spaces before entering.

Small spills:

Take up the spilled liquid with sand, earth, or other noncombustible absorbent material and place in a plastic container where applicable. Do not allow to enter waterways.

Large spills:

Dike far ahead of spill for later disposal. Do not allow to enter waterways.

Section 7. Handling and Storage

Precautions for safe handling:

- Keep out of reach of children.
- Read label before use.
- Read safety data sheet before use
- Keep only in original container.
- Do not breathe fumes or vapours.
- Wash hands thoroughly after handling.
- Avoid release to the environment.
- Wear protective clothing.

Precautions for storage:

- Store locked up.
- Store in corrosive resistant container with a resistant inner liner.
- Keep container tightly closed when not in use.
- Store in a cool, dry place.
- Protect from freezing.
- Avoid extreme high or low temperatures.

Section 8 Exposure Controls / Personal Protection

Engineering Controls:

Use only with adequate ventilation to prevent build-up of vapors. Open all windows and doors. Use only with a

cross ventilation of moving fresh air across the work area. If strong odor is noticed or you experience slight dizziness, headache, nausea, or eye-watering -- Stop -- ventilation is inadequate. Leave area immediately.

Personal Protective Equipment:

Eyes:

Safety glasses, chemical goggles or face shields are recommended to safeguard against potential eye contact, irritation, or injury. Contact lenses should not be worn while working with chemicals.

Chemical splash goggles or safety glasses with a faceshield are recommended when the potential for splashing exists.

Hands:

Wear impermeable gloves. Gloves contaminated with product should be discarded. Promptly remove clothing that becomes soiled with product.

Skin:

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

Respiratory:

For OSHA controlled work place and other regular users -- Use only with adequate ventilation under engineered air control systems designed to prevent exceeding appropriate TLV. For occasional use, where engineered air control is not feasible, use properly maintained and properly fitted NIOSH approved respirators. A dust mask does not provide protection against vapors.

Other Protective Clothing:

Various application methods can dictate use of additional protective safety equipment, such as impermeable aprons, etc., to minimize exposure. Before reuse, thoroughly clean any clothing or protective equipment that has been contaminated by prior use. Discard any clothing or other protective equipment that cannot be decontaminated, such as gloves or shoes.

Work/Hygienic/Maintenance Practices:

A source of clean water should be available in the work area for flushing eyes and skin. Do not eat, drink, or smoke in the work area. Wash hands thoroughly after use.

Section 9 Physical and Chemical Properties

Physical State:	Liquid
Colour:	Green/yellow cloudy
pH:	12.5 - 13
Solubility:	Completely soluble in water
Boiling point:	>98.8
Bulk Density:	1087g/L
Specific Gravity:	1.09
Vapour pressure(vs air or mmHg):	<0.1mmHg
Vapor Density (vs. Air = 1):	> 1
Evaporation Rate (vs Butyl	< 1

Section 10. Stability and Reactivity

Chemical Stability	Stable
Conditions to Avoid	Instability
Incompatibility	Incompatible with acids, ammonia, or other household chemicals. Do not mix with acids, ammonia, or other household chemicals as dangerous fumes may result.

Section 11 Toxicological Information

Supporting Data

Acute Oral

Sodium Lauryl Sulfate	CAS No: 151-21-3	LD ₅₀ (Rat) = 977mg/kg
Sodium Phosphate, Tribasic	CAS No: 7601-54-9	LD ₅₀ (Rat) = 4800mg/kg

Acute Dermal

Sodium Lauryl Sulfate	CAS No: 151-21-3	LD ₅₀ (Rabbit) = 580mg/kg
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Inhalation

Sodium Phosphate, Tribasic	CAS No: 7601-54-9	LD ₅₀ (Rat) = 2.16mg/l
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Inhalation of aerosols of Sodium Hypochlorite may cause lung edema. The effects may be delayed. Medical observation is indicated. 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 is therefore essential.

Eye:

The mixture is considered to be corrosive to the eye, because Sodium Hypochlorite present at >3% is considered an eye corrosive.

Skin:

The mixture is considered to be corrosive to the skin, because Sodium Hypochlorite is considered a skin corrosive in more concentrated form.

Ingestion:

May be corrosive to the mouth and throat, mucous membranes, and stomach. May cause burns of the tissues, severe abdominal pains, nausea, vomiting, circulatory collapse, confusion, delirium, coma, and collapse. Swallowing large quantities can be fatal.

Section 12. Ecotoxicological Information

HSNO Class: 9.1 A - Very toxic to the aquatic environment with long lasting effects.
Do not allow to enter waterways.

Biocide!

This product is used for the removal of algae, moss, mould and mildew from exterior surfaces.

Section 13. Disposal Considerations

Triple or preferably pressure rinse containers with water before disposal. Add rinsings to spray tank. Preferably re-cycle container, otherwise send to landfill or similar. Empty containers and product should not be burnt

Section 14 Transport Information

This substance is classified as a dangerous good for Land Transport in New Zealand according to NZS5433: 2012

Road and Rail Transport

UN No	1760
Class-primary	8
Packing Group	III
Proper Shipping Name	CORROSIVE LIQUID, N.O.S.

Marine Transport

UN No 1760
 Class-primary 8
 Packing Group III
 Proper Shipping Name CORROSIVE LIQUID, N.O.S.

Air Transport

UN No 1760
 Class-primary 8
 Packing Group III
 Proper Shipping Name CORROSIVE LIQUID, N.O.S.

Section 15	Regulatory Information
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EPA Approval Code: Cleaning Products (corrosive hazard) – HSR002526

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	100L (9.1A)
Emergency Response Plan trigger Quantities	100L (9.1A)

Section 16	Other Information
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1. HSNO Approved Code of Practice: Preparation of Safety Data Sheets, September 2006.

Disclaimer

This document has been compiled by TCC Ltd on behalf of the supplier of the product and serves as the manufacturer's Safety Data Sheet ('SDS'). It is based on information concerning the product which has been provided to TCC (NZ) Ltd by the manufacturer or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer. While TCC (NZ) Ltd has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, TCC (NZ) Ltd accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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.

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