

SAFETY DATA SHEET



PRODUCT:

**NATURAL
CLEAN**



Date of Issue: APRIL 2015

Page 1 of 6

SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER:	Solutions – Sealers for Stone & Tile.		
ADDRESS:	2/27 Central Park Drive, Yandina QLD 4561, Australia.		
Trade Name:	“NATURAL CLEAN”		
TELEPHONE:	1300 4 STONE (78663)	FAX:	(07) 5446 7381
AH EMERGENCY TELEPHONE:	13 1126 in Australia 0800 764 766 in New Zealand	ABN:	25 128 656 082.
Substance:	Water based cleaner	Product Use:	cleaner
Creation Date:	April 2015	Revision Date:	JAN 2017 - GHS
Product Code:			

SECTION 2 – HAZARDS IDENTIFICATION

- This product is **NOT classified as HAZARDOUS** according to criteria of the National Occupational Health and Safety Commission Australia.
- This product is **NOT classified as Dangerous Goods** according to the Australian Dangerous Goods (ADG) Code.
- This product is a **NOT a scheduled Poison** according to the SUSDP.

Approved Worksafe Classification	Not hazardous		
UN Number	None allocated	ADG Classification	None allocated
Shipping Name	None allocated	ADG Subsidiary Risk	None allocated
Hazchem Code	None allocated	Packing Group	None allocated
SUSDP Classification	Not scheduled		
EMERGENCY OVERVIEW			
Colour	green	Odour	fragrant odour
Physical Description	Liquid	Viscosity	viscous liquid
Major Health Hazards	None known		

SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

Ingredients determined not to be hazardous are present in concentrations that do not exceed the relevant cut-off concentrations as found from NOHSC publication “List of Designated Hazardous Substances” or have been found NOT to meet the criteria of a hazardous substance as defined in the NOHSC publication “Approved Criteria for Classifying Hazardous Substances”.

Ingredients:	CAS Number:	Proportion:	Exposure Standards TWA	Exposure Standards STEL
Ingredients determined to be non-hazardous	various	10 - 30% w/w	not set	not set
Water.	7732-18-5	To 100% w/w	not set	not set

The TWA exposure value is the Time Weighted Average airborne concentration of a particular substance when calculated over a normal 8 hour working day for a 5 day working week. The STEL (Short Term Exposure Limit) is an exposure value that should not be exceeded for more than 15 minutes and should not be repeated for more than 4 times per day. There should be at least 60 minutes between successive exposures at the STEL. The term “peak” is used when the TWA limit, because of the rapid action of the substance, should never be exceeded, even briefly.

SAFETY DATA SHEET



PRODUCT:

**NATURAL
CLEAN**



Date of Issue: APRIL 2015

Page 2 of 6

SECTION 4 – FIRST AID MEASURES

Scheduled Poisons	Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons. (Phone Australia 131126 or New Zealand 0800 764 766).
First Aid Facilities	Normal washroom facilities.
Skin contact	Wash skin with plenty of water. Remove contaminated clothing and wash before re-use. Seek medical advice (e.g. doctor) if irritation, burning or redness develops.
Eye contact	Immediately irrigate with copious quantities of water for at least 20 minutes. Eyelids to be held open. Seek medical advice (e.g. ophthalmologist).
Ingestion	Do NOT induce vomiting. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth thoroughly with water immediately. Give water to drink. If vomiting occurs, give further water to achieve effective dilution. Seek medical advice (e.g. doctor).
Inhalation	Remove victim to fresh air away from exposure. Obtain medical attention if symptoms occur.
Advice to Doctor	All treatments should be based on observed signs and symptoms of distress of the patient. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.
Aggravated Medical Conditions	None known.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Water based. Not combustible. When involved in a fire, this product may generate hydrogen cyanide (hydrocyanic acid) and nitrogen oxides.
Extinguishing Media	Use an extinguishing media suitable for surrounding fires.
Fire Fighting	Keep containers exposed to extreme heat cool with water spray. Fire fighters to wear self-contained breathing apparatus if risk of exposure to products of combustion or decomposition.
Flash Point	None – does not support combustion.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	No HAZCHEM code.
Occupational Release	Minor spills do not normally need any special clean-up measures. In the event of a major spill, prevent spillage from entering drains or water courses. Wear appropriate protective equipment as in section 8 below to prevent skin and eye contamination. Spilt material may result in a slip hazard and should be absorbed into dry, inert material (e.g. sand, earth or vermiculite), which then can be put into appropriately labelled drums for disposal by an approved agent according to local conditions. Residual deposits will remain slippery. Wash area down with excess water. If contamination of sewers or waterways has occurred advise the local emergency services. In the event of a large spillage notify the local environment protection authority or emergency services.

SECTION 7 – HANDLING AND STORAGE

Handling	Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers closed at all times. Avoid physical damage to containers. Always wash hands with water after handling.
-----------------	--

SAFETY DATA SHEET



PRODUCT:

**NATURAL
CLEAN**



Date of Issue: APRIL 2015

Page 3 of 6

Storage

Store in a cool, dry, place with good ventilation. Avoid storing in aluminium and light alloy containers. Store away from incompatible materials (Section 10). Keep containers closed at all times – check regularly for leaks.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits

National Occupational Exposure Limits, as published by National Occupational Health & Safety Commission:

Time-weighted Average (TWA): None established for product.

See Section 3 for each component.

Short Term Exposure Limit (STEL): None established for product.

See Section 3 for each component.

Engineering Controls

Ensure ventilation is adequate to maintain air concentrations below exposure standards. Avoid generating mists of the product. Use only in a well-ventilated area. Ensure airflow, where this product is used, is directed away from the operators.

Personal Protective Equipment

This product is classified as a non-hazardous cleaning liquid. Use good occupational work practice. The use of protective clothing and equipment depends upon the degree and nature of exposure. Final choice of appropriate protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. The following protective equipment should be available;

Eye Protection



The use of safety glasses with side shield protection is recommended to handle in quantity, cleaning up spills, decanting, etc. Contact lenses pose a special hazard ; soft lenses may absorb irritants and all lenses concentrate them.

Skin Protection



Generally not required for normal and intended cleaning operations with diluted solutions. Wear chemical resistant gloves. Overalls, apron, work boots and gloves are recommended for handling the concentrated product (as per AS/NZS 2161, or as recommended by supplier) to handle in quantity, cleaning up spills, decanting, etc.

Protective Material Types Respirator

Material suitable for detergent contact – Butyl rubber, Neoprene, PVC, and Nitrile.

Not required for normal and intended cleaning operations with adequate ventilation.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	viscous liquid	Colour	green, transparent liquid
Odour	faint odour	Specific Gravity	1.02 @ 25 °C
Boiling Point	Approximately 100 °C	Freezing Point	Approximately 0 °C
Vapour Pressure	Not available	Vapour Density	Not available
Flash Point	Not flammable	Flammable Limits	None
Water Solubility	Miscible in all proportions	pH	7.50 undiluted/ 7.0 – 7.5 in 1% sol'n
Volatile Organic Compounds (VOC)	0 % v/v	Coefficient of Water/Oil Distribution	Not available
Viscosity	Not available	Odour Threshold	Not available
Evaporation Rate	Not available	Per Cent Volatile	Ca 80% v/v

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability

Stable at normal temperatures and pressure.

SAFETY DATA SHEET



PRODUCT:

**NATURAL
CLEAN**



Date of Issue: APRIL 2015

Page 4 of 6

Conditions to Avoid	Avoid excessive heat, direct sunlight, freezing, and high temperatures.
Incompatible Materials	Incompatible with oxidizing agents, reducing agents.
Hazardous Decomposition Products	Product can decompose on combustion to form Carbon Monoxide, Carbon Dioxide, and other possibly toxic gases and vapours on burning.
Hazardous Reactions	May be incompatible with alkaline materials.

SECTION 11 – TOXICOLOGICAL INFORMATION

PRODUCT MIXTURE INFORMATION

Local Effects	May be a mild irritant: eye, skin, inhalation and ingestion.
Target Organs	Eyes, mucous membranes, skin.

POTENTIAL HEALTH EFFECTS

Ingestion

short term exposure	Ingestion of large amounts may irritate the gastric tract causing nausea and vomiting.
long term exposure	No information available.

Skin contact

short term exposure	Mild irritant. Skin contact can cause redness, itching, irritation, if extended contact with concentrated product.
long term exposure	Prolonged and repeated skin contact with solutions may induce eczematoid dermatitis in certain individuals.

Eye contact

short term exposure	Eye contact may cause mild stinging, blurring, tearing.
long term exposure	No information available.

Inhalation

short term exposure	Not an inhalation hazard.
long term exposure	No information available.

Carcinogen Status

NOHSC	No significant ingredient is classified as carcinogenic by NOHSC.
NTP	No significant ingredient is classified as carcinogenic by NTP.
IARC	No significant ingredient is classified as carcinogenic by IARC.

Medical conditions aggravated by exposure

No information available.

CLASSIFICATION OF INDIVIDUAL INGREDIENTS

NOTE : This information relates to each individual ingredient, when evaluated as pure undiluted chemical. See Section 3 for actual proportions present in this product.

Ingredients	R-Phrases.
Non-hazardous ingredients to 100%	none allocated

SAFETY DATA SHEET



PRODUCT:

**NATURAL
CLEAN**



Date of Issue: APRIL 2015

Page 5 of 6

SECTION 12 – ECOLOGICAL INFORMATION

Fish toxicity	None available.
Algae toxicity	None available.
Invertebrates toxicity	None available.
Toxicity to Bacteria	None available.
OECD Biological degradation	None available. Individual ingredients stated to be biodegradable.
General	Product miscible in all proportions with water. AS WITH ANY CHEMICAL PRODUCT, DO NOT DISCHARGE BULK QUANTITIES INTO DRAINS, WATERWAYS, SEWER OR ENVIRONMENT. Inform local authorities if this occurs.

SECTION 13 – DISPOSAL CONSIDERATIONS

To dispose of quantities of undiluted product, refer to State Land Waste Management Authority. Transfer product residues to a labelled, sealed container for disposal or recovery. Waste disposal must be by an accredited contractor. As with any chemical, do not put down the drain in quantity. The small quantities contained in wash solutions (when used as directed) can generally be handled by conventional sewage systems, septs, and grey water systems. For larger scale use, eg. Commercial laundry operations, a recycled water system is often recommended, or Trade Waste License obtained for disposal to sewer.

SECTION 14 – TRANSPORT INFORMATION

UN Number	none allocated	ADG Classification	none allocated
Shipping Name	none allocated	ADG Subsidiary Risk	none allocated
Hazchem Code	none allocated	Packing Group	none allocated
Packaging Method	none allocated	Special Provisions	none allocated
Segregation	none allocated		

SECTION 15 – REGULATORY INFORMATION

AICS All ingredients present on AICS.

Labelling Details

HAZARD	Not classed as hazardous
RISK PHRASES	none allocated
SAFETY PHRASES	none allocated
SUSDP	Not scheduled
ADG Code	none allocated

SAFETY DATA SHEET



PRODUCT:

**NATURAL
CLEAN**



Date of Issue: APRIL 2015

Page 6 of 6

SECTION 16 – OTHER INFORMATION

Acronyms

SUSDP	Standard for the Uniform Scheduling of Drugs and Poisons.
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail.
CAS Number	Chemical Abstracts Service Registry Number.
UN Number	United Nations Number.
R-Phrases	Risk Phrases.
HAZCHEM	An emergency action code of numbers and letters which gives information to emergency services.
NOHSC	National Occupational Health and Safety Commission.
NTP	National Toxicology Program (USA).
IARC	International Agency for Research on Cancer.
AICS	Australian Inventory of Chemical Substances.
TWA	Time Weighted Average
STEL	Short Term Exposure Limit

Literature References

List of Designated Hazardous Substances [NOHSC:10005(1999)]
 Australian Code For The Transport Of Dangerous Goods By Road And Rail – Sixth Edition.
 Standard for the Uniform Scheduling of Drugs and Poisons.
 National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]
 Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]
 Material Safety Data Sheets – individual raw materials – Suppliers.
 HSIS – Hazardous Substance Information System – National Worksafe Data Base.

Revision Information

New Issue to standard : 2nd Edition [NOHSC:2011(2003)].

Note

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

Contact Point

Regulatory Affairs Manager.

Telephone

(07) 5446 7281

Issue Date

April 2015

Supersedes Issue Date

April 2010

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use this product in the workplace. Since the supplier cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this supplier.