

SAFETY DATA SHEET

Diamond Surface Armour

PRODUCT: Stone Power Cleaner

Date of Issue: December 2017

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SECTION 1 – STATEMENT OF CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SUPPLIER:	Diamond Surface Armour		
ADDRESS:	5/25 Huntington Street, Clontarf QLD 4019, Australia.		
Trade Name:	“STONE BENCHTOP POWER CLEANER”		
TELEPHONE:	1300 447 666	FAX:	
AH EMERGENCY TELEPHONE:	13 1126 in Australia 0800 764 766 in New Zealand	ABN:	12 615 493 742
Substance:	Spray Cleaner	Product Use:	All Purpose Cleaner
Creation Date:	December 2017	Revision Date:	April 2022
Product Code:			

SECTION 2 – HAZARDS IDENTIFICATION

- This product is classified as **NOT classified as a scheduled HAZARDOUS** according to criteria of Safe Work Australia.
- The product is classified as **NOT classified as a scheduled DANGEROUS GOOD** according to the Australian Dangerous Goods (ADG) Code.
- The product is **NOT classified as a scheduled POISON** according to the SUSMP.
- The product is classified as a **NOT classified as a scheduled DANGEROUS SUBSTANCE** according to GHS.
- The Product is **non-hazardous per DOT's Hazardous Material Classification (49 CFR)**
- The product contains no substances which at their given concentration, are considered to be hazardous to health.

GHS - GLOBALLY HARMONISED SYSTEM

GHS Classification	Not classified.
GHS Pictogram	Not applicable
GHS Signal Word	No Signal Word.
GHS Hazard Statement(s)	No know significant effects or critical hazards.
GHS Precautionary Statement(s)	
General	Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.
Prevention	Not applicable
Response	Not applicable
Storage	Not applicable
Disposal	Not applicable

ADG CODE DANGEROUS GOODS

UN Number	Not classified	ADG Classification	Not applicable
Shipping Name	Not applicable	ADG Subsidiary Risk	Not applicable
Hazchem Code	Not applicable	Packing Group	Not applicable

POISON SCHEDULES

SUSMP Classification	Not scheduled
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EMERGENCY OVERVIEW

Colour	Colourless – Light Yellow	Odour	Lemon like odour
Physical Description	Liquid	Viscosity	Non-viscous liquid

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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", or have been found NOT to meet the criteria of a dangerous substance as defined in the GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS), 4th edition United Nations 2011.

Ingredients:	CAS Number:	Proportion:
Organic essential oil derivative	8007-02-1	< 2% w/w
Proprietary ingredient (1)	Trade Secret (1)	<30% w/w
Proprietary ingredient (2)	Trade Secret (2)	>10% w/w
Proprietary ingredient (3)	Trade Secret (3)	>5% w/w

EU & US GHS: The specific chemical identity and/or exact percentage (concentration) of composition have been withheld as a trade secret in accordance with paragraph (i) of §1910.1200. All ingredients are determined to be non-hazardous.

Occupational exposure limits, if available, are listed in Section 8. 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.

SECTION 4 – FIRST AID MEASURES

Inhalation	Remove person from contaminated area to fresh air. Avoid becoming a casualty. If irritation develops seek medical attention.
Skin contact	After contact with skin or hair, wash immediately with plenty of water. Immediately remove contaminated clothing and wash before reuse. If irritation develops seek medical attention.
Eye contact	If in eyes, hold eyelids apart and flush the eye continuously with running water. Check for and remove any contact lenses occasionally lifting the upper and lower eyelids for at least 10 minutes. If irritation develops seek medical attention.
Ingestion	Do NOT induce vomiting. If swallowed, immediately wash out mouth with water, and then give plenty of water to drink. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration into the lungs.
Advice to Doctor	Treat symptomatically. Poisons Information Centre in each Australian State capital city or in Christchurch, New Zealand can provide additional assistance for scheduled poisons.

SECTION 5 – FIRE FIGHTING MEASURES

Extinguishing Media	Use an extinguishing agent suitable for the surrounding fire.
Unsuitable Extinguishing Media	None known.
Fire Fighting	Move container from fire area if it can be done without risk. Use extinguishing agents for surrounding fire.
Flash Point	Not available

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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Occupational Release

Avoid contact with spilled or released material. Shut off leaks, if possible without personal risks. Isolate hazard area and deny entry to unnecessary or unprotected personnel. Use appropriate containment to avoid environmental contamination. Prevent from spreading and entering waterway using sand, earth or other appropriate barriers. Ventilate contaminated area thoroughly.

For small spills. Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if a water-insoluble, absorb with an inert dry material and place in an appropriate water disposal container. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely. Dispose of via a licensed waster disposal contractor.

For larger spills, Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, watercourses. Basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in a container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information.

SECTION 7 – HANDLING AND STORAGE

Handling

Avoid eye contact. In the work environment: wear appropriate protective equipment to prevent exposure. Prevent the creation of vapours or mists in the work atmosphere and ensure adequate ventilation. Keep containers closed when not in use. Practice good personal hygiene, that is, always wash hands after handling, and before eating, drinking, smoking or using the toilet facilities.

Storage

Store in accordance to local regulations. Store in the original containers protected from direct sunlight in a dry, cool and well-ventilated area. Store away from incompatible substances i.e. strong oxidizing agents, acids or bases. Keep containers closed at all times – check regularly for leaks.

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SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredients data

Source	Ingredient	Material name	TWA	STEL	Peak	Notes
Australian Exposure Standards	Organic Essential Oil Derivate	Lemongrass Oil	No exposure standard has been established for this product by the Australian Safety and Compensation Council (ASCC).	N/A	Not available	Not available

Exposure Limits

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Engineering Controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Personal Protective Equipment

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

Not required under normal conditions of use. However, avoid eye contact. For industrial applications safety glasses with side shields or goggles as appropriate should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 -Eye Protectors for Industrial Applications.

Skin Protection

Not required under normal conditions of use. However for industrial applications wear gloves of impervious material such as PVC or rubber. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves -Selection, use and maintenance.

Protective Material Types

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respirator

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	liquid	Colour	Colourless – light yellow
Odour	Lemon-like odour	Specific Gravity	0.95 – 1.01 @ 25 °C
Boiling Point	Not available	Freezing Point	Data not available
Vapour Pressure	Not available	Vapour Density	Data not available
Flash Point	Not applicable	Flammable Limits	Non combustible
Water Solubility	Easily soluble in the following materials: cold water and hot water.	pH	Neutral (6.9-7.2)

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Evaporation Rate	Not available	Per Cent Volatile	Not applicable
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SECTION 10 – STABILITY AND REACTIVITY

Reactivity	The product is stable.
Conditions to Avoid	No specific data.
Incompatibilities	No specific data.
Hazardous	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Decomposition	

SECTION 11 – TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Inhalation	
short term exposure	Based on available data, the classification criteria are not met.
long term exposure	Prolonged exposure to vapours may cause irritation of the nose, throat and respiratory system.
Skin contact	
short term exposure	May cause irritation in individuals with sensitive skin.
long term exposure	Not known.
Eye contact	
short term exposure	May cause moderate irritation in contact with the eyes.
long term exposure	Not known.
Ingestion	
short term exposure	May cause irritation to the mouth, esophagus and stomach. Symptoms may include nausea, vomiting, diarrhea and possible gastric irritation.
long term exposure	Not known.
Additional Information	No known significant effects or critical hazards.
Carcinogen Status	No known significant effects or critical hazards.
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.

CLASSIFICATION OF INDIVIDUAL INGREDIENTS

Lemongrass Oil			
Acute Toxicity	No known significant effects or critical hazards.	Carcinogenicity	Not listed as a carcinogen NTP, IARC, OSHA, EPA.
Skin Irritation/Corrosion	Skin - rabbit, Result – Irritating to skin (48h). May cause skin irritation.	Reproductivity	Not expected to impair fertility
Serious Eye Damage/Irritation	No known significant effects or critical hazards.	STOT – Single Exposure	No data available
Respiratory or Skin sensitivity	Not expected to be a sensitiser	STOT – Repeated Exposure	No known significant effects or critical hazards.
Mutagenicity	Not mutagenic	Aspiration Hazard	No known significant effects or critical hazards.

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SECTION 12 – ECOLOGICAL INFORMATION

Fish toxicity	Expected to be harmful.
Algae toxicity	Expected to be harmful.
Invertebrates toxicity	Expected to be harmful.
Toxicity to Bacteria	Expected to be harmful.
OECD Biological degradation	Ingredient lemongrass oil is stated to be readily biodegradable. According to current knowledge adverse effects on water purification plants are not expected. Bioaccumulation is not expected to occur.
General	The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SECTION 13 – DISPOSAL CONSIDERATIONS

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. Do not put down the drain.

SECTION 14 – TRANSPORT INFORMATION

ADG CODE – ROAD & RAIL

UN Number	Not regulated	ADG Classification	-
Shipping Name	-	ADG Subsidiary Risk	-
Hazchem Code	-	Packing Group	-

IATA - AIR

UN Number	Not regulated	ADG Classification	-
Shipping Name		ADG Subsidiary Risk	-
Hazchem Code		Packing Group	-

IMDG - SEA

UN Number	Not regulated	ADG Classification	-
Shipping Name	-	ADG Subsidiary Risk	-
Hazchem Code	-	Packing Group	-
Environmental hazards			
EMS	-	Special Provisions	-

SECTION 15 – REGULATORY INFORMATION

AICS	All components are listed or exempted.
GHS Classification	Not classified
SUSMP	Not scheduled
ADG Code	Not regulated

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SECTION 16 – OTHER INFORMATION

Acronyms	
GHS	Global System of Harmonisation.
ADG Code	Australian Code for the Transport of Dangerous Goods by Road and Rail.
CAS Number	Chemical Abstracts Service Registry Number.
DOT	US Department of Transport.
UN Number	United Nations Number.
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 – 7 th Edition. Standard for the Uniform Scheduling of Medicines and Poisons 2015. 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. Labelling of workplace hazardous chemicals, Code of Practice, DEC 2011 Guidance on the classification of hazardous chemicals under the WHS Regulations, Implementation of the Globally Harmonised System of classification and labeling of chemicals (GHS) APRIL 2012 Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Third revised edition.
Revision Information	New Issue to standard : PREPARATION OF SAFETY DATA SHEETS FOR HAZARDOUS CHEMICALS Code of Practice DECEMBER 2011
Note	Safety Data Sheets are updated frequently. Please ensure that you have a current copy.
Contact Point	Regulatory Affairs Manager. Telephone 1300 447 666
Issue Date	December 2017 Supersedes Issue Date 4 st issue

This MSDS 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 MSDS 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.