



SAFETY DATA SHEET

ECOCLEAN UTILITY AGENCIES

VCG VOMIT CLEAN-UP GRANULES

Date of Issue : JUNE 2021

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SECTION 1 – IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Trade Name	"VCG" VOMIT CLEAN-UP GRANULES		
SUPPLIER	ECOCLEAN UTILITY AGENCIES	ABN:	
TELEPHONE	(07) 5549 3666	FAX:	(07) 5549 3622
Emergency Phone	13 1126 in Australia.	Product Code:	
Substance	Granules	Product Use:	CLEANSER / ABSORBENT
Creation Date	JUNE 2021	Revision Date:	JUNE 2027
ADDRESS	26 Notar Drive, Ormeau, Queensland, 4208 Australia.		

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 **NOT classified as a Scheduled Poison** according to the SUSDP.

Approved Criteria Classification	None allocated		
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	grey	Odour	fragrant
Physical Description	Uniform powder/granules	Viscosity	powder
Major Health Hazards	None known		

SECTION 3 - COMPOSITION/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
Diatomaceous earth	61790-53-2	> 90% w/w	10 mg/m ³	not set
Silica as quartz and cristobalite	14808-60-7 14464-46-1	< 4% w/w	0.2 mg/m ³	not set
Ingredients determined to be non-hazardous	Various	< 10% 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.

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 03 474 7000).
First Aid Facilities	Normal washroom facilities.



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Aggravated Medical Conditions	None known.
Inhalation	Remove victim to fresh air away from exposure. Obtain medical attention if symptoms occur.
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) if there is irritation.
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).
Advice to Doctor	Treat symptomatically. 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.

SECTION 5 – FIRE FIGHTING MEASURES

Fire and Explosion Hazards	Not combustible. However if involved in a fire will emit toxic fumes.
Extinguishing Media	Use appropriate fire extinguisher for surrounding environment.
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

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Emergency Procedures	No HAZCHEM code.
Occupational Release	Increase ventilation. Wear sufficient respiratory protection and protective clothing and sweep up material avoiding dust generation or dampen spilled material with water to avoid airborne dust, then transfer material to a suitable container. Use absorbent paper dampened with water to pick up remaining material. Prevent the release from entering a waterway or sewer. Dispose of any contaminated material at an approved facility such as a municipal landfill.

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.
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 specific product. See SECTION 3 for Exposure Limits of individual ingredients. Short Term Exposure Limit (STEL): None established for specific product. See SECTION 3 for Exposure Limits of individual ingredients.
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Biological Limit value	None
Ventilation	Ensure ventilation is adequate to maintain air concentrations below exposure standards. Avoid generating dusts.
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 	The use of safety glasses with side shield protection, goggles or face shield 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 	Not normally required for typical applications of the product. Overalls, apron, work boots and elbow length 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	Material suitable for detergent contact – Butyl rubber, Natural Latex, Neoprene, PVC, and Nitrile.
Respirator 	Where sufficient ventilation is not available avoid breathing dusts by wearing an AS 1716 approved particulate filter respirator. For the most appropriate respirator device, reference should be made to AS/NZS 1715/1716 standards publication, which deals with respiratory protective devices.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Uniform powder	Colour	grey
Odour	fragrant	Specific Gravity	1.0 – 1.02 @ 25 °C
Boiling Point	Not available	Freezing Point	Not available
Vapour Pressure	Not available	Vapour Density	Not available
Flash Point	Not flammable	Flammable Limits	None
Water Solubility	Not soluble	pH	neutral
Volatile Organic Compounds (VOC)	0 % v/v	Coefficient of Water/Oil Distribution	Not available
Viscosity	Solid	Odour Threshold	Not available
Evaporation Rate	Not available	Per Cent Volatile	Ca 5 % v/v

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability	Stable at normal temperatures and pressure.
Conditions to Avoid	None known.
Incompatible Materials	None known.
Hazardous Decomposition	None known.
Hazardous Reactions	None known.



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SECTION 11 – TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

PRODUCT MIXTURE INFORMATION

Local Effects	Irritant: eye and inhalation.
Target Organs	Lungs, mucous membranes, eyes.
Ingestion	
short term exposure	May cause irritation to the mouth, oesophagus and stomach.
long term exposure	No information available.
Skin contact	
short term exposure	May cause drying of the skin resulting in redness and itching.
long term exposure	No information available.
Eye contact	
short term exposure	May cause mechanical irritation in contact with the eyes.
long term exposure	No information available.
Inhalation	
short term exposure	Inhalation of dust may cause irritation to the mucous membranes and upper airways. Symptoms of exposure can include nausea, coughing, sneezing and breathing difficulties.
long term exposure	Prolonged or repeated exposure to this material may result in irritation to the eyes and respiratory tract. As this product may contain traces of respirable silica, bronchitis, silicosis, and lung cancer may occur if the required dust mask is not worn during prolonged and repeated exposure. Studies have shown that smoking increases the risk in persons exposed to crystalline silica.
Carcinogen Status	
NOHSC	No significant ingredient is classified as carcinogenic by NOHSC.
NTP	No significant ingredient is classified as carcinogenic by NTP.
IARC	Crystalline silica (respirable size $\leq 7\mu\text{m}$) has been classified by the IARC as Group 1 CARCINOGENIC TO HUMANS. NOTE: The physical nature of quartz in the product determines whether it is likely to present a chronic health problem. To be a hazard the material must enter the breathing zone as respirable particles.
Medical conditions aggravated by exposure	No information available.

CLASSIFICATION OF INDIVIDUAL INGREDIENTS

Ingredients	R-Phrases.
Silica as quartz and cristobalite	None allocated

Individual Ingredient Information

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

Silica as quartz and cristobalite

Irritation Data	Irritating to eyes - mechanical irritation.
Toxicity Data	No toxicology information is available for this product. However for crystalline silica the following data has been extracted from the Register of Toxic Effects of Chemical Substances: TOXICITY Inhalation (human) LCLo: 0.3/m ³ /10Y Inhalation (human) TCLo: 16mppcf/8H/17.9Y -Intermittent; focal fibrosis, (pneumoconiosis), cough, dyspnoea. Inhalation (rat) TCLo: 50mg/m ³ /6H/71W -Intermittent; liver – tumours.
Local Effects	Irritant: inhalation, eye.



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Target Organs	Lungs, eyes.
Acute Toxicity Level	Low
Mutagenic Data	No information.
Reproductive Effects	No information.
Carcinogenicity	<p>WARNING: For inhalation exposure only : Crystalline silica (respirable size $\leq 7\mu\text{m}$) has been classified by the IARC as Group 1 CARCINOGENIC TO HUMANS.</p> <p>NOTE: The physical nature of quartz in the product determines whether it is likely to present a chronic health problem. To be a hazard the material must enter the breathing zone as respirable particles. .</p>

SECTION 12 – ECOLOGICAL INFORMATION

Fish toxicity	None available for specific product.
Algae toxicity	None available for specific product.
Invertebrates toxicity	None available for specific product.
Toxicity to Bacteria	None available for specific product.
OECD Biological degradation	Mineral based material – not expected to be hazardous to the environment. Individual lesser components stated to be biodegradable.
General	Product insoluble in water. DO NOT DISCHARGE BULK QUANTITIES INTO DRAINS, WATERWAYS, SEWER OR ENVIRONMENT. Inform local authorities if this occurs.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal Methods	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, 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.
Special Precautions	None known.

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
Special Provisions	none allocated	Packaging Method	none allocated
Segregation	none allocated		

SECTION 15 – REGULATORY INFORMATION

AICS	All ingredients present on AICS.
Labeling Details	
HAZARD CLASS	none allocated
RISK PHRASES	none allocated
SAFETY PHRASES	none allocated
SUSDP	none allocated
ADG Code	none allocated

SECTION 16 – OTHER INFORMATION



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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)]		
	Material Safety Data Sheets – individual raw materials – Suppliers.		
	Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]		
	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) 5549 3666
Issue Date	June 2021	Supersedes Issue Date	2016

This MSDS summarizes 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.