



DrillClean [Pty] Ltd

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## MATERIAL SAFETY DATA SHEETS

Sump Clear Granules Version: 1

Issued: 1 June 2023

### CLASSIFICATION OF MATERIAL

Not classified as hazardous according to criteria of the Globally Harmonised System of Classification and Labelling of Chemicals 3rd Revised Edition.

<b>1.1 Product:</b>	Sump Clear Granules
<b>1.1 Recommended Use:</b>	Emulsify hydrocarbons & polymers present in a water phase
<b>1.2 Supplier:</b>	DrillClean [Pty] Ltd
<b>1.3 Address:</b>	114 Boeing Road East Bedford View Gauteng 1900
<b>1.4 Telephone Number:</b>	011 454 0908
<b>1.5 Email</b>	sales@drillclean.co.za
<b>1.6 Emergency Telephone Numbers:</b>	011 454 0908

### 2. HAZARDS IDENTIFICATION

<b>2.1 Hazard Classification:</b>	Hazardous Substance. Dangerous Goods.
<b>2.2 GHS Classification:</b>	Oxidizing Agent
<b>2.3 Hazard Statements:</b>	No hazard statements.
<b>2.4 Prevention Statements:</b>	Emits nitrous oxides during decomposition.
<b>2.5 Response Statements:</b>	No response statements.
<b>2.6 Storage Statements:</b>	<b>Store away from oxidising agents and strong acids</b>
<b>2.7 Disposal Statements:</b>	Once the chemical reaction has taken place the product becomes inert

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion %
Sodium Carbonate	497-34-1	95%
Calcium carbonate	471-19-8	5%
Ingredients determined to be hazardous		100%

### 4. FIRST AID MEASURES

#### 4.1 Description of Necessary First Aid Measures:

- ◆ **Ingestion:** Immediately remove product from the mouth and rinse mouth out with plenty of water. Drink 1 or 2 glasses of water (or milk). If a large amount swallowed, or symptoms develop, obtain medical attention.
- ◆ **Eye:** Immediately hold the eyes open and wash with fresh running water for at least 15 minutes. Ensure complete irrigation of the eye by keeping the eyelids apart and away from the eye and moving the eyelids by occasionally lifting the upper and lower lids. Seek medical attention.

◆ <b>Skin:</b>	Remove any contaminated clothing. Wash off with soap and water. If skin irritation occurs, seek medical attention.
◆ <b>Inhalation:</b>	Remove from source of exposure. Monitor symptoms and progress to assess the need for medical attention.
<b>4.2 Medical Attention and Special Treatment:</b>	
◆ <b>First Aid Facilities:</b>	No special facilities required.
◆ <b>Comments:</b>	Treat according to person's condition and specifics of exposure.
◆ <b>Advice to Doctor:</b>	Treat symptomatically.

## 5. FIRE FIGHTING MEASURES

<b>5.1 Suitable Extinguishing Equipment:</b>	Use any means suitable for extinguishing surrounding fire. Water spray may be used to keep fire exposed containers cool
<b>5.2 Specific Hazards Arising From The Organic Chemical:</b>	Combustible Emits nitrous oxides during decomposition.
<b>5.3 Special Protective Equipment and Precautions For Fire Fighters:</b>	Determine the need to evacuate or isolate the area according to your local emergency plan. Fire fighters should wear self-contained breathing apparatus to minimise risk of exposure to vapour or products of combustion.

## 6. ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal Precautions, Protective Equipment and Emergency Procedures:</b>	Impermeable gloves, eye glasses
<b>6.2 Specific Hazards Arising From The Combustible Organic chemical:</b>	Emits nitrous oxides when heated to decomposition. Remove all sources of ignition. Dispose of waste material through The SoilClean Remediation Methodology.
<b>6.3 Methods and Materials for Containment and clean up:</b>	N/A

## 7. HANDLING AND STORAGE

<b>7.1 Precautions for Safe Handling:</b>	Avoid skin and eye contact.
<b>7.2 Conditions for Safe Storage,</b>	Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage and moisture.
<b>Including Any Incompatibilities:</b>	Isolate from any source Of heat or ignition.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>8.1 Biological Limit Values:</b>	No biological limit allocated
<b>8.2 Engineering Controls:</b>	Avoid combustible agents and acids
<b>8.3 Personal Protective Equipment:</b>	Dust Mask and impermeable gloves on application
<b>8.4 Biological Limit Values:</b>	No biological limit allocated.
<b>8.5 Engineering Controls:</b>	Ensure adequate ventilation.
<b>8.6 Personal Protective Equipment: Respiratory:</b>	Domestic quantities require no special equipment with normal careful use

<b>Eye:</b>	Avoid eye contact. Safety glasses with side shields, goggles or face should be worn. Eye protection should conform with Eye protectors for industrial applications
<b>Skin:</b>	Domestic quantities require no special equipment with normal careful use. Care should be taken with sensitive or Damaged skin

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Physical Description / Properties

Appearance:	White Granules
Odour:	Neutral
pH:	7 – 7.6
Viscosity (cP @ 25°C):	Not applicable
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Boiling Point (°C):	100°C
Freezing Point (°C):	Not determined
Melting Point (°C):	Not determined
Solubility In Water (g/100 mL):	Soluble
Specific Gravity (@ 25°C):	Not applicable
Flash Point (°C):	80°C
Lower Explosive Limit (%):	Not determined
Upper Explosive Limit (%):	Not determined

## 10. STABILITY AND REACTIVITY

<b>10.1 Reactivity:</b>	N/A
<b>10.2 Chemical Stability:</b>	N/A
<b>10.3 Conditions To Avoid:</b>	Protect against physical damage and moisture. Isolate from any source of heat or ignition.
<b>10.4 Incompatible Materials and Possible Hazardous Reactions:</b>	Strong oxidising agents and strong acids.
<b>10.5 Hazardous Decomposition Products:</b>	Once the chemical reaction has taken place the product becomes inert

## 11. TOXICOLOGICAL INFORMATION

<b>11.1 Likely Route of Exposure:</b>	<input type="checkbox"/> Inhalation	<input checked="" type="checkbox"/> Skin contact	<input checked="" type="checkbox"/> Ingestion
<b>11.2 Health Effects From Likely Route of Exposure:</b>			
<b>Acute:</b>	N/A		
<b>Ingestion:</b>	Low ingestion hazard in normal use. Considered an unlikely route of entry in commercial/industrial environments.		
<b>Eye:</b>	Direct contact may produce mild irritation to the eye causing some inflammation and lachrymation. Repeated or prolonged exposure may produce corneal damage or conjunctivitis.		
<b>Skin:</b>	Sever irritation expected from a single short-term exposure. The material may accentuate pre-existing skin conditions.		

## 12. ECOLOGICAL INFORMATION

<b>12.1 Ecotoxicity:</b>	N/A
<b>12.2 Persistence and Degradability:</b>	Biodegradable.
<b>12.3 Bioaccumulation Potential:</b>	N/A
<b>12.4 Mobility in Soil:</b>	Once the chemical reaction has ceased the remaining residue is calcium carbonate
<b>12.5 Other Adverse Effects:</b>	No adverse effects

### 13. DISPOSAL CONSIDERATIONS

<b>13.1 Disposal Method:</b>	N/A
<b>13.2 Disposal of Contaminated</b>	N/A
<b>13.3 Environmental Regulations:</b>	N/A

### 14 .TRANSPORTATION INFORMATION

<b>14.1 UN Number:</b>	UN 1479
<b>14.2 Dangerous Goods Class:</b>	Hazard Class: 5.1
<b>14.3 Environmental Hazards:</b>	Oxidizer
<b>14.4 HAZCHEM Code:</b>	58/2014
<b>14.5 Additional Shipping Information:</b>	Packing Group: III

### 15 . OTHER INFORMATION

<b>15.1 Issue Date:</b>	1 June 2023.
<b>15.2 Contact Points:</b>	
<b>Title / Position:</b>	Research & Development Manager.
<b>Telephone:</b>	011 454 0908
<b>E-mail:</b>	<a href="mailto:sales@drillclean.co.za">sales@drillclean.co.za</a>

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