



DrillClean [Pty] Ltd

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MATERIAL SAFETY DATA SHEETS

Sump Clear Liquid

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.

1.1 Product:

Sump Clear Granules

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

2. HAZARDS IDENTIFICATION

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion %
Forms of Sodium	7631-99-4	85%
Nonionic surfactant	9002-92-0	<2%
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.
- ◆ **Skin:** Remove any contaminated clothing. Wash off with soap and water. If skin irritation occurs, seek medical attention.

◆ Inhalation:	Remove from source of exposure. Monitor symptoms and progress to assess the need for medical attention.
4.2 Medical Attention and Special Treatment:	
◆ First Aid Facilities:	No special facilities required.
◆ Comments:	Treat according to person's condition and specifics of exposure.
◆ Advice to Doctor:	Treat symptomatically.

5. FIRE FIGHTING MEASURES

5.1 Suitable Extinguishing Equipment:	Use any means suitable for extinguishing surrounding fire. Water spray may be used to keep fire exposed containers cool
5.2 Specific Hazards Arising From The Organic Organic chemical:	Combustible Emits nitrous oxides during decomposition.
5.3 Special Protective Equipment and Precautions For Fire Fighters:	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

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

7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling:	Use in a well-ventilated area. Avoid breathing in mists or vapour. Avoid skin and eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking, smoking or using toilet facilities.
7.2 Conditions for Safe Storage, Including Any Incompatibilities:	Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage and moisture. heat or ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Biological Limit Values:	No biological limit allocated
8.2 Engineering Controls:	Avoid combustible agents and acids
8.3 Personal Protective Equipment:	Dust Mask on application
8.4 Biological Limit Values:	Not exposure standard allocated.
8.5 Engineering Controls:	Ensure adequate ventilation. If mists or vapours are produced local exhaust ventilation should be used.
8.6 Personal Protective Equipment:	Domestic quantities require no special equipment with

Respiratory:	normal careful use. When handling bulk quantities. Avoid breathing mists or vapours. Where ventilation is inadequate and mists or vapours are generated, respiratory protective equipment should be used suitable for protecting against airborne contaminants. Reference should be made to
Eye:	Avoid eye contact. Safety glasses with side shields , goggles or face should be worn. Eye protection should conform with Eye protectors for industrial applications
Skin:	Domestic quantities require no special equipment with normal careful use. Care should be taken with sensitive or Damaged skin . When handling bulk quantities. Wear gloves of impervious material. Wear appropriate clothing, including a chemical resistant apron, where clothing is likely to be contaminated. Industrial clothing should conform to the specifications for Industrial Clothing.

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):	Not applicable
Freezing Point (°C):	Not applicable
Melting Point (°C):	Not applicable
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

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

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

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

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORTATION INFORMATION

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

15. OTHER INFORMATION

15.1 Issue Date:	1 June 2023.
15.2 Contact Points:	
Title / Position:	Research & Development Manager.
Telephone:	011 454 0908
E-mail:	sales@drillclean.co.za

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