



SD Sheet

Sep. 9, 2019

1. IDENTIFICATION

Product Identifier

Product Name CLAYTHINZ / CLAY DISPERSANT

UN/ID No Not regulated material

Recommended use of the chemical and restrictions on use

Recommended Use For industrial use only

Details of the supplier of the safety data sheet

Supplier Address

DCS FLUIDS
1436 830 BYPASS
GRAHAM, TX 76450

Emergency Telephone (24 hr)

Company Phone Number Phone: (940) 768-8071
Fax: 405-262-3596

Emergency Telephone (24 hr) 1-940-768-8071

2. HAZARDS IDENTIFICATION

Appearance Yellow tint liquid

Physical State Liquid

Odor Mild

According to Regulation 2012 OSHA Hazard Communication Standard: 20 CFR Part 1910.1200

Classification of the product

No need for classification according to GHS criteria for this product.

Label elements

The product does not require a hazard warning label in accordance with GHS criteria.

Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

According to Regulation 1994 OSHA Hazard Communication Standard: 29 CFR Par 1910.1200

Emergency overview

NOTICE:

This product is a slight eye irritant.
Use NIOSH approved respirator as needed to mitigate exposure.
Wear NIOSH-certified chemical goggles.

3. COMPOSITION/INFORMATION ON INGREDIENTS

According to Regulation 2012 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200

This product does not contain any components classified as hazardous under the referenced regulation.

According to Regulation 1994 OSHA Hazard Communication Standard: 29 CFR Part 1910.1200

Chemical Name	CAS Number	Weight %
Water	7732-18-5	55-60
Very Low Molecular Weight Polyacrylate	9003-04-7	40-45

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES

First Aid Measures

General Advice	Remove contaminated clothing
Inhalation	Keep patient calm, remove to fresh air, seek medical attention. Assist in breathing if necessary.
Skin Contact	Wash thoroughly with soap and water. If irritation develops, seek medical attention.
Eye Contact	Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.
Ingestion	Rinse mouth and then drink plenty of water. Do not induce vomiting. Immediate medical attention required.

Most important symptoms and effects

Symptoms: No significant symptoms are expected due to the non-classification of the product.

Hazards: No applicable information available.

Indication of any immediate medical attention and special treatment needed

Note to physician: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Carbon dioxide. Dry powder. Foam. Water spray.

Unsuitable Extinguishing Media No information available.

Special hazards arising from the substance or mixture

Hazards during fire-fighting: carbon oxides, nitrogen oxides

Protective equipment and precautions for firefighters

Fire-fighters should wear self-contained breathing apparatus (SCBA) and chemical-protective clothing.

Further information

Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions	Use personal protective clothing. Information regarding personal protective measures see section 8.
Environmental Precautions	Do not discharge into drains/surface waters/ground waters.

Methods and material for containment and cleaning up

Methods for Containment	Small spills: Pick up with absorbent materials (e.g. sand, sawdust, general-purpose binder) Dispose of absorbed material in accordance with regulations. Large spills: Pump off product
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Further accidental release measures

High risk of slipping due to leakage/spillage of product.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling	No special measures necessary provided product is used correctly. Protection against fire and explosion. No special precautions necessary.
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Conditions for safe storage, including any incompatibilities

Storage Conditions	Keep container tightly closed and in a cool place. Storage temperature: $\geq 0^{\circ}\text{C}$ (32°F) Avoid extreme heat. Protect from temperatures below 5°C (41°F) The packed product is destroyed at low temperatures or by frost. Protect from temperatures above 40°C (104°F)
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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Individual protection measures, such as personal protective equipment

Eye/Face Protection	Safety glasses with side-shields.
Hand Protection	Chemical resistant protective gloves
Body Protection	Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).
Respiratory Protection	Respiratory protection not required.
General safety and hygiene measures	Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Mild
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Appearance	Yellow liquid	Odor Threshold	Not determined
<u>Property</u>	<u>Values</u>		
pH	6-8		
Melting Point/Freezing Point	Not determined		
Boiling Point/Boiling Range	Approx. 100° C (212 °F)		
Flash Point	>200 °C (392 °F)		
Evaporation Rate	Value can be approximated from Henry's Law Constant or vapor pressure.		
Sublimation Point	Not available		
Flammability (Solid, Gas)	Not flammable		
Upper Flammability Limits	For liquids not relevant for classification and labeling.		
Lower Flammability Limit	For liquids not relevant for classification and labeling. The lower explosion point may be 5 - 15° C (41 - 59 °F) below the flash point.		
Vapor Pressure	The product has not been tested.		
Density	Approx. 1.2 g/cm ³ (20° C)		
Relative Density	No applicable information available.		
Vapor Density	No applicable information available.		
Water Solubility	Miscible		
Solubility in other solvents	Not determined		
Partition Coefficient	Study scientifically not justified.		
Auto-ignition Temperature	Not applicable		
Decomposition Temperature	No decomposition if correctly stored and handled.		

10. STABILITY AND REACTIVITY

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties

Not applicable

Reactions with water/air:	Reaction with:	water
	Flammable gases:	no
	Toxic gases:	no
	Corrosive gases:	no
	Smoke or fog:	no
	Peroxides:	no
	Reaction with	air
	Flammable gases:	no
	Toxic gases:	no
	Corrosive gases:	no
	Smoke or fog:	no
	Peroxides:	no

Chemical Stability

The product is stable if stored and handled as prescribed/indicated.

Possibility of Hazardous Reactions

Stable under normal conditions. No hazardous reactions known.

Conditions to Avoid

Avoid extreme temperatures. Avoid freezing.

Incompatible Materials

Reactive chemicals, strong oxidizing agents

Hazardous Decomposition Products

Decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition: No decomposition if correctly stored and handled.

11. TOXICOLOGICAL INFORMATION

Primary routes of exposures

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact.

Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Primary routes of entry

Eyes

Skin

Inhalation

Ingestion

Acute Toxicity / Effects

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion.

Oral

Type of value: LD50

Species: rat

Value: >5,000 mg/kg (Estimated)

Inhalation

No applicable information available.

Dermal

Type of value: LD50

Species: rat

Value: >5,000mg/kg (Estimated)

Assessment other acute effects

No applicable information available.

Irritation / corrosion

By analogy with similar products, this product is not expected to be irritating.

Skin

By analogy with similar products, this product is not expected to be irritating.

Eye

By analogy with similar products, this product is not expected to be irritating.

Sensitization

Assessment of sensitization: Based on the ingredients, there is no suspicion of a skin-sensitizing potential.

Chronic Toxicity / Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: No applicable information available.

Genetic toxicity

Assessment of mutagenicity: No data available concerning mutagenic activity.

Carcinogenicity

Assessment of carcinogenicity: None of the components in this product at concentrations greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

Reproductive toxicity

Assessment of reproduction toxicity: No data available.

Other information

The product has not been tested. The statements on toxicology have been derived from products of a similar structure and composition.

Symptoms of Exposure

No significant symptoms are expected due to the non-classification of the product.

12. ECOLOGICAL INFORMATION

Toxicity

Aquatic toxicity

Assessment of aquatic toxicity: There is a high probability that the product is not acutely harmful to aquatic organisms.

Toxicity to fish

LC50 (96 h) > 100 mg/l, Fish

Persistence and degradability

Assessment bioaccumulation and elimination (H20)

Moderately/partially eliminated from water.

Bioaccumulative potential

Bioaccumulation potential

Significant accumulation in organisms is not to be expected.

Mobility in soil

Assessment transport between environmental compartments

No information available

Additional information

Other eco toxicological advice: The product has not been tested. The statements on eco toxicology have been derived from ducts

of a similar structure or composition.

13. DISPOSAL CONSIDERATIONS

Waste disposal of substance

Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container disposal

Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

RCRA:

Not a hazardous waste under RCRA (40 CFR 261)

14. TRANSPORT INFORMATION

DOT Not classified as a dangerous good under transport regulations.

IATA Not classified as a dangerous good under transport regulations.

IMDG Not classified as a dangerous good under transport regulations.

15. REGULATORY INFORMATION

Federal Regulations

Registration status:

TSCA Chemical Substance Inventory-

All components of this product are either listed on the inventory or are exempt from listing.

EPCRA 311/312 (Hazard categories) Not hazardous

Clean water Act Not Concerned

Clean Air Act Not Concerned

CERCLA- Reportable Quantity Not Concerned

California Proposition 65 Information Not Concerned

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards 0	Flammability 0	Reactivity 0	Special Hazards Not determined
<u>HMIS</u>	Health Hazards 0	Flammability 0	Physical Hazards 0	Personal Protection Not determined

Issue Date: 1-May-2012
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Revision Note: Update

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet

