



SAFETY DATA SHEET

1. Identification

Product Identifier Sandmaster
Recommended use Drilling fluid additive
Recommended restrictions None known
Manufacturer/Importer/Supplier/Distributor information
Manufacturer
Company name DCS Fluid Solutions
Address PO Box 1027, Graham, TX 76450
Phone 940-521-0500
Website www.dcsmud.com
Email don@dcsmud.com / randy@dcsmud.com
Emergency phone number 940-768-8071

2. Hazard(s) Identification

Physical hazards Not classified
Health hazards Not classified
Environmental hazards Not classified
OSHA defined hazards Not classified
Label elements
Hazard symbol None
Signal word None
Hazard statement The substance does not meet the criteria for classification.
Precautionary statement
Prevention Observe good industrial hygiene practices.
Response Wash hands after handling.
Storage Store away from incompatible materials.
Disposal Dispose of waste and residues in accordance with local authority requirements.
Hazard(s) not otherwise classified (HNOC) None known
Supplemental information None

3. Composition/Information of Ingredients

Mixtures

Chemical Name	Common name and synonyms	CAS Number	%
XANTHAN GUM		11138-66-2	99 - 100
GLYOXAL		107-22-2	<= 1

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

Material name: Xanthan Gum
Date prepared: April 5, 2016
Date revised: May 22, 2018
Version number: 03

4. First Aid Measures

Inhalation

Move to fresh air. Seek medical attention if symptoms develop or persist.

Skin contact

Wash off with soap and water. Get medical attention if irritation develops and persists.

Eye contact

Flush with fresh water for 15 minutes. Get medical attention if irritation develops and persists.

Ingestion

First aid is not normally required. If symptoms develop seek medical attention.

Most important symptoms, effects, acute and delayed

Direct contact with eyes may cause temporary irritation.

Indication of immediate medical attention and special treatment needed

Treat symptomatically.

General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

5. Fire Fighting Measures

Suitable extinguishing media

Water. Water spray. Foam. Dry chemicals. Carbon dioxide (CO₂).

Unsuitable extinguishing media

None known

Specific hazards arising from the chemical

During fire, gases hazardous to health may be formed.

Special protective equipment and precautions for firefighters

Organic dusts can form explosive mixtures in air. Do not release runoff from fire control methods to sewers or waterways.

Firefighting equipment/instructions

Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode

Specific methods

Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards

Combustible. No unusual fire or explosion hazards noted.

6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures

Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Following product recovery, flush area with water.

Small Spills: Sweep up material for disposal or recovery.

Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

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7. Handling and Storage

Precautions for safe handling

Use good personal hygiene practices. All hazard precautions given in the data sheet must be observed.

Conditions for safe storage, including any incompatibilities

Store in a cool dry space-Temp. <75 C. Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure Controls/Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: Seek professional advice prior to respirator selection and use. Follow OSHA respirator regulations (29 CFR 1910.134) and, if necessary, wear a MSHA/NIOSH-approved respirator. Select respirator based on its suitability to provide adequate worker protection for given working conditions, level of airborne contamination, and presence of sufficient oxygen. For emergency or non-routine operations (cleaning spills, reactor vessels, or storage tanks), wear an SCBA. *Warning! Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.* If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves, boots, aprons, and gauntlets to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Separate contaminated work clothes from street clothes. Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using the toilet, or applying cosmetics.

9. Physical and Chemical Properties

Physical State: solid

Appearance and Odor: beige powder/bland odor

Odor Threshold:

Vapor Pressure:

Vapor Density

(Air=1): Formula

Weight: Density:

Specific Gravity (H₂O=1, at 4 °C): 1.5 @ 77 °F

Water Solubility:

soluble **Other**

Solubilities: Boiling

Point: no data

Freezing/Melting Point: no data

Viscosity: no

data Refractive

Index: Surface

10. Stability and Reactivity

Stability: Xanthan Gum is stable at room temperature in closed containers under normal storage and handling conditions.

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Polymerization: Hazardous polymerization cannot occur.

Chemical Incompatibilities: Strong oxidizing agents.

Conditions to Avoid: Protect from moisture.

Hazardous Decomposition Products: Thermal oxidative decomposition of Xanthan Gum can produce carbon dioxide and carbon monoxide.

11. Toxicological Information

Toxicity Data:*

Acute Oral Effects:

Rat, oral, LD50: mg/kg

Chronic Effects: no data available

Carcinogenicity: : no data available

Mutagenicity: : no data available

Teratogenicity: : no data available

* See NIOSH, RTECS, for additional toxicity data.

12. Ecological Information

Ecotoxicity: no data available

Environmental Fate: no data available

Environmental Degradation: no data available
Soil Absorption/Mobility: no data available

14. Transport Information

US DOT (49 CFR 172.101): PSN: Hazard Class: UN Number: Packing	IATA PSN: Hazard Class: UN Number: Packing
TDG PSN: Hazard Class: UN Number: Packing	IMDG/IMO PSN: Hazard Class: UN Number: Packing

15. Regulatory Information

US FEDERAL TSCA

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CAS# 11138-66-2 is listed on the TSCA inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA. **CERCLA Hazardous Substances and**

corresponding RQs None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous

Substances None of the chemicals in this product

have a TPQ. **SARA 311/312 Hazards:** No SARA

Hazards

Section 313 No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants. This material does not contain any Class 1

Ozone depletors. This material does not contain any Class

2 Ozone depletors. **Clean Water Act:**

None of the chemicals in this product are listed as Hazardous Substances under the CWA. State and Local Regulations - California Proposition 65: None

16. Other Information, Including Date of Preparation or Last Revision

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