



MATERIAL SAFETY DATA SHEET

P.O. BOX 1603
EUNICE, LA 70535
866-457-0064 or 337-457-0064

OPTIZAN (XCD)

SECTION I - IDENTIFICATION

OptiXan™ Xanthan Gum

40 Mesh Industrial Grade, Dispersible Industrial Grade, Transparent Industrial Grade

Manufacturers Name:

Delta Drilling Products & Services, LLC

Address:

154 Eastpark Drive

Eunice, LA 70535

Emergency Telephone number:

866-457-0064

Telephone Number for Information:

866-457-0064

SECTION II – HAZARDOUS INGREDIENTS /IDENTITY INFORMATION HAZARDOUS COMPONENTS (CHEMICAL IDENTITY; COMMON NAME)

Hazard Data

OSHA PEL

ACCGIH TLV

Xanthan Gum

N/A

N/A

Cas No. 11138-66-2

SECTION III – PHYSICAL /CHEMICAL CHARACTERISTICS

Boiling Point (°F):	N/A - solid	Specific Gravity (H₂O =1):	N/A
Vapor Pressure (mm Hg)	N/A - solid	Melting Point:	N/A
Vapor Density (Air = 1):	N/A	pH, 1.0% Solution:	7 ± 0.5
Solubility in Water:	Soluble White to off white powder or granules		
Appearance and Odor:	Slight characteristic odor		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	N/A
Extinguishing Media:	Water, carbon dioxide, foam or powder extinguisher.
Special Fire Fighting Procedures:	Xanthan gum will burn when in contact with flame but self-extinguishes when flame is removed.
Unusual Fire and Explosion Hazards:	Possibility of dust explosion.
Flammable Limits:	N/A
LEL:	N/A
UEL:	N/A

SECTION V - REACTIVITY DATA

Stability Stable Unstable:	Stable under normal conditions - Conditions to Avoid: None known
Incompatibility (Materials to Avoid):	Strong Oxidizers
Hazardous Decomposition or Byproducts:	Thermal decomposition may produce carbon dioxide and carbon monoxide.

Hazardous polymerization:

Will not occur

Conditions to Avoid: None known

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SECTION VI - HEALTH HAZARD DATA

Routes of Entry: **Inhalation** **Skin** **Ingestion**

Skin contact, Ingestion, Inhalation of dust.

Health Hazards (Acute and Chronic)

No evidence of adverse effects

Carcinogenicity **NTP** **IARC Monographs** **OSHA Regulated**

No No No No

Signs and Symptoms of Exposure

Prolong contact with powder may cause irritation. Dust may cause eye irritation. Excessive inhalation of dust should be avoided, the hygroscopic property of xanthan gum can impede normal breathing.

Medical Conditions Generally Aggravated by Exposure

No information available

Emergency and First Aid Procedures

Eyes-immediately flush with plenty of water. Call a physician if irritation develops.

SECTION VI - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled:

Recover by vacuum or broom and shovel. Do not flush area with water, wetted material will be very slippery.

Waste Disposal Method

Conform to applicable federal, state and local regulations.

Landfill or flush well-diluted wet materials to drain. Material is biodegradable in waste treatment facility.

Precautions to be Taken in Handling and Storing

Store in a cool, dry area

SECTION VI - CONTROL MEASURES

Respiratory Protection (Specify Type):

NIOSH approved chemical respirator with dust filter while handling powder in dust generating situations.

Ventilation **Local Exhaust** **Mechanical (General)** **Special** **Other**

Local exhaust sufficient to control dust.

Protective Gloves

Not normally necessary

Eye Protection

Safety glasses

Other Protective Clothing or Equipment

NIOSH approved chemical respirator with dust filter while handling powder in dust generating situations.

Excessive inhalation of dust should be avoided, the hygroscopic property of xanthan gum can impede normal breathing.

This MSDS is based upon a limited review of ADM files and standard Toxicological handbooks. The information herein is furnished without warranty of any kinds. This information should only be used as a supplement to information already in our possession concerning the product. The determination of whether and under what conditions the product should be used by your employees is your to make.

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