

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER: **XANVIS**
OTHER MEANS OF IDENTIFICATION: Xanthan Gum
RECOMMENDED USE: Oilwell drilling fluid additive
RESTRICTIONS ON USE: None
SUPPLIER IDENTIFIER: **Di-Corp**
8750-53 Ave
Edmonton, AB T6E 5G2
780-440-4923
EMERGENCY PHONE NUMBER: 780-468-4064 (24hr)

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION: Combustible Dust – Category 1
Sensitization, Skin – Category 1

LABEL SYMBOLS:



SIGNAL WORD:

Warning

HAZARD STATEMENTS:

May form combustible dust concentrations in air.
May cause an allergic skin reaction.

OTHER HAZARDS:

None

Prevention

Prevent dust accumulation to minimize explosion hazard. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use non-sparking tools. Avoid breathing dust. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.

Response

PRECAUTIONARY STATEMENTS:

In case of fire: Use CO₂, dry chemical or foam for extinction. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

Storage

Store in closed containers in a dry place.

Disposal

Dispose of contents/container in accordance with local, regional, national, and/or international regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	CONCENTRATION
Xanthan gum	11138-66-2	95 - 100%
Glyoxal	107-22-2	0.1 – 1.0%

SECTION 4: FIRST AID MEASURES

SKIN CONTACT:	Remove contaminated clothing immediately and wash skin with plenty of water. If irritation or rash develops, obtain medical attention.
EYE CONTACT:	Immediately flush with gently flowing warm water until particles are removed. If irritation persists, obtain medical attention.
INGESTION:	Treat symptomatically. No harmful effects expected from ingestion of small quantities. If large quantity is swallowed contact a poison control center immediately.
INHALATION:	Move to fresh air. Apply oxygen or artificial respiration if required. If symptoms develop obtain immediate medical attention.
MOST IMPORTANT SYMPTOMS / EFFECTS:	Dusts may irritate the respiratory tract, skin and eyes. May cause an allergic skin reaction.
IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical, water spray or foam.
UNSUITABLE EXTINGUISHING MEDIA:	Do not use water jet as an extinguisher as this will spread the fire.
SPECIFIC FIRE HAZARDS:	May form an explosive dust/air mixture in the presence of an ignition source. May burn under fire conditions.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon.
SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:	Self-contained breathing apparatus required for fire-fighting personnel. Move from fire area if possible. Move container from the fire area if this can be done safely.

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use appropriate safety equipment. Wear appropriate protective equipment and clothing during clean-up. Eliminate ignition sources. Non-sparking tools should be used as dust/air mixtures may explode violently. Keep unnecessary personnel away from spill area.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Collect spilled material by vacuum if possible to avoid generation of dust. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Wash spill area with water until non-slippery.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid skin and eye contact. Wash thoroughly after handling. Avoid breathing dust. Avoid creating dust cloud during handling. Keep away from heat/sparks/open flames/hot surfaces. Use only in a well ventilated area. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions such as electrical grounding and bonding or inert atmospheres. Use explosion-proof equipment.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry area away from incompatible materials. Keep away from heat and sources of ignition. Dust generated in handling of this product can be explosive if sufficient quantities are mixed in air in which case ignition sources should be avoided. Slippery when wet.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:	Glyoxal: ACGIH TWA = 0.1 mg/m ³ (inhalable fraction and vapour)
ENGINEERING CONTROLS:	Use local exhaust ventilation, process enclosure or other engineering controls as required to maintain dust concentration below TLV's. Ensure equipment is explosion-proof. PERSONAL PROTECTIVE MEASURES
RESPIRATORY PROTECTION:	Respiratory protection should be worn when there is a potential to exceed exposure limit requirements or guidelines.
PROTECTIVE GLOVES:	Rubber gloves/gauntlets are recommended.
EYE PROTECTION:	Safety glasses with side-shields or chemical goggles.
OTHER PROTECTIVE EQUIPMENT (SPECIFY):	Ensure eye-wash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	White to tan powder
ODOUR:	Odourless
ODOUR THRESHOLD:	Not available
pH:	6 – 8 (1% aqueous solution)
MELTING POINT / FREEZING POINT:	Not available
BOILING POINT / RANGE:	Not available
FLASH POINT:	Not applicable
EVAPORATION RATE:	Not available
FLAMMABILITY:	Not applicable
FLAMMABILITY / EXPLOSIVE LIMITS:	Not applicable
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
RELATIVE DENSITY:	Not available
SOLUBILITY:	Soluble in water
PARTION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE:	Not available
DECOMPOSITION TEMPERATURE:	Not available
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	This product is stable and non-reactive under normal conditions of use, storage and transport.
CHEMICAL STABILITY:	Stable under normal conditions
POSSIBILITY OF HAZARDOUS REACTIONS:	Polymerization will not occur
CONDITIONS TO AVOID:	Keep away from heat, sparks and open flames. Avoid dispersal of dust in the air. Contact with incompatible materials.
INCOMPATIBLE MATERIALS:	Keep away from strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	No information available.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	Not available.
SKIN CONTACT:	Dust or powder may irritate the skin. May cause an allergic skin reaction.
EYE CONTACT:	May cause slight irritation.
INGESTION:	No adverse effects expected from incidental ingestion.
INHALATION:	High dust levels may cause upper respiratory tract irritation.
CARCINOGENICITY:	Not listed by IARC, NTP, ACGIH or OSHA.
TERATOGENICITY:	Not toxic based on available information.
REPRODUCTIVE TOXICITY:	Not toxic based on available information.
MUTAGENICITY:	Not mutagenic based on available information.
CHRONIC TOXICITY:	No information available.
TARGET ORGAN EFFECTS:	No information available.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	Not available.
PERSISTENCE AND DEGRADABILITY:	This product is expected to biodegrade and is not expected to persist for long periods in an aquatic environment.
BIOACCUMULATIVE POTENTIAL:	Not available.
MOBILITY IN SOIL:	This product is soluble in water.
OTHER ADVERSE EFFECTS:	Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose/incinerate in accordance with federal, provincial and local regulations. It is the responsibility of the end-user to determine if material meets the criteria of hazardous waste at the time of disposal.

SECTION 14: TRANSPORTATION INFORMATION

TDG:	Not regulated
DOT:	Not regulated
IATA:	Not regulated
IMDG:	Not regulated
UN NUMBER:	Not applicable
PROPER SHIPPING NAME:	Not applicable
CLASS:	Not applicable
PACKING GROUP:	Not applicable
IMDG HAZARDS:	Not applicable
BULK TRANSPORT:	Not applicable
SPECIAL PRECAUTIONS:	Not applicable

SECTION 15: REGULATORY INFORMATION

DSL: Listed on the DSL.
WHMIS CLASS: Not controlled
TSCA: All ingredients are listed or exempt from listing.

SECTION 16: OTHER INFORMATION

REVISION DATE: May 8, 2019
REPLACES: None

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