

SECTION 1: IDENTIFICATION

PRODUCT IDENTIFIER:

SYNVIS D

OTHER MEANS OF IDENTIFICATION:

None

RECOMMENDED USE:

Drilling fluid additive

RESTRICTIONS ON USE:

None known

SUPPLIER IDENTIFIER:

In Canada:

In USA:

Di-Corp

Jentech Drilling Services

8750-53 Ave

2815 W Houston Ave

Edmonton, AB T6E 5G2

Apache Junction, AZ 85120

EMERGENCY PHONE NUMBER:

In Canada:

In USA:

780-440-4923

775-424-3045

780-468-4064 (24hr)

SECTION 2: HAZARD IDENTIFICATION

CLASSIFICATION:

Not hazardous according to WHMIS 2015 and HAZCOM 2012.

LABEL SYMBOLS:

Not applicable

SIGNAL WORD:

Not applicable

CLASSIFICATION INFORMATION:

Not applicable

PRECAUTIONARY STATEMENTS:

Not applicable

OTHER HAZARDS:

Aqueous solutions, or powders that become wet, render surfaces extremely slippery.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME

CAS NUMBER

CONCENTRATION

Contains no hazardous ingredients.

SECTION 4: FIRST AID MEASURES

SKIN CONTACT:

Remove contaminated clothing and wash affected area thoroughly with water and soap. If irritation occurs, and persists, obtain medical attention.

EYE CONTACT:

Immediately flush with gently flowing warm water until irritation ceases. Obtain medical attention if irritation persists.

INGESTION:

Rinse mouth with water. If symptoms occur, or large amount ingested, obtain medical attention. Never give anything by mouth if victim is unconscious, rapidly losing consciousness or convulsing.

INHALATION:

Move to area free from dust. If victim is not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. If breathing difficulties or distress continues obtain medical attention.

MOST IMPORTANT SYMPTOMS / EFFECTS:

No known acute or chronic health effects are expected as a result of contact with this product.

IMMEDIATE MEDICAL ATTENTION / SPECIAL TREATMENT:

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Use water spray, foam, dry chemical or carbon dioxide to extinguish.

UNSUITABLE EXTINGUISHING MEDIA:

None.

SPECIFIC FIRE HAZARDS:

May be combustible at high temperatures.

HAZARDOUS COMBUSTION PRODUCTS:

Thermal decomposition may produce oxides of nitrogen and oxides of carbon. Hydrogen cyanide may be produced in the event of combustion in an oxygen deficient atmosphere. Self-contained breathing apparatus required for fire-fighting personnel.

SPECIAL PROTECTIVE EQUIPMENT & PRECAUTIONS:

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear appropriate safety gear including eye and respiratory protection. Aqueous solutions, and powders that become wet, render surfaces extremely slippery.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Collect dry material by sweeping and shoveling. Collect uncontaminated material for repackaging. Collect contaminated material in an approved container for disposal. Flush spill area thoroughly with water once all traces of material are swept up.

SECTION 7: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Avoid contact with eyes or prolonged skin contact. Use good personal hygiene and housekeeping. Avoid dust formation. Avoid breathing dust. Launder contaminated clothing before reuse. Aqueous solutions, and powders that become wet, render surfaces extremely slippery.

CONDITIONS FOR SAFE STORAGE & INCOMPATIBILITIES

Store in a cool, dry, well-ventilated place away from incompatible materials.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMITS:

No information available.

ENGINEERING CONTROLS:

Use only with adequate ventilation. If user operations generate dust use process enclosure, local exhaust ventilation or other engineering controls to keep worker exposure below limits.

PERSONAL PROTECTIVE MEASURES

RESPIRATORY PROTECTION:

Approved dust masks recommended for dust levels below TLV. Use a properly fitted particulate filter respirator complying with an approved standard if airborne concentrations exceeds TLV or if a risk assessment indicates this is necessary.

PROTECTIVE GLOVES:

PVC or other plastic material gloves recommended.

EYE PROTECTION:

Safety glasses with side-shields.

OTHER PROTECTIVE EQUIPMENT (SPECIFY):

Protective clothing as required to prevent contact. Ensure eye-wash station and emergency shower are available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

White granular solid

ODOUR:

Odourless

ODOUR THRESHOLD:

Not applicable

pH:

5 – 9 @ 5 g/L

MELTING POINT / FREEZING POINT:

>150°C

BOILING POINT / RANGE:

Not applicable

FLASH POINT:

Not applicable

EVAPORATION RATE:

Not applicable

FLAMMABILITY:

Not available

FLAMMABILITY / EXPLOSIVE LIMITS:

Not available

VAPOUR PRESSURE:

Not applicable

VAPOUR DENSITY:

Not applicable

RELATIVE DENSITY:	0.6 – 0.9
SOLUBILITY:	Soluble in water
PARTITION COEFFICIENT:	-2
AUTO-IGNITION TEMPERATURE:	Does not self-ignite (based on chemical structure)
DECOMPOSITION TEMPERATURE:	>150°C
VISCOSITY:	Not available

SECTION 10: STABILITY AND REACTIVITY

REACTIVITY:	Hazardous polymerization does not occur.
CHEMICAL STABILITY:	Stable.
POSSIBILITY OF HAZARDOUS REACTIONS:	Oxidizing agents may cause exothermic reactions.
CONDITIONS TO AVOID:	None known.
INCOMPATIBLE MATERIALS:	Oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition may produce hydrogen cyanide, oxides of nitrogen and oxides of carbon.

SECTION 11: TOXICOLOGICAL INFORMATION

PRODUCT TOXICITY:	LD50 (oral, rat) >5000 mg/kg LD50 (dermal, rat) > 5000 mg/kg LC50 (Inhal, rat): Product is not expected to be toxic by inhalation.
SKIN CONTACT:	Non-irritating to intact skin. Minor irritation may occur on abraded skin.
EYE CONTACT:	Dust and concentrated solutions may cause mild eye irritation.
INGESTION:	No effects expected from ingestion of small quantities.
INHALATION:	Dust may cause irritation including coughing and sneezing.
CARCINOGENICITY:	Not listed by NTP, IARC, OSHA or ACGIH.
TERATOGENICITY:	No evidence of teratogenicity.
REPRODUCTIVE TOXICITY:	No evidence of reproductive toxicity.
MUTAGENICITY:	Not mutagenic.
CHRONIC TOXICITY:	No information available.
TARGET ORGAN EFFECTS:	None.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY:	LC50/Danio rerio/96h >100 mg/L (OECD 203) EC50/Daphnia magna/48hr >100 mg/L (OECD 202) IC50/scenedesmus subspicatus/72hr > 100 mg/L (OECD 201)
PERSISTENCE AND DEGRADABILITY:	Not readily biodegradable.
BIOACCUMULATIVE POTENTIAL:	Not expected to bioaccumulate.
MOBILITY IN SOIL:	Not available.
OTHER ADVERSE EFFECTS:	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of 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 a marine pollutant
BULK TRANSPORT:	Not regulated
SPECIAL PRECAUTIONS:	None

SECTION 15: REGULATORY INFORMATION

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

SECTION 16: OTHER INFORMATION

REVISION DATE:	July 29, 2026
REPLACES:	October 18, 2022

The information contained herein is given in good faith, but no warranty, expressed or implied, is made.