

## SAFETY DATA SHEET

### 1. Identification

Product Identifier Sand Zan  
Recommended Use Not Available  
Recommended Restrictions Not Available  
Manufacturer/Importer/Supplier/Distributor information

Company Name Velocity Drilling Fluids, LLC  
Company Address P.O. Box 1120  
Mandeville, LA 70471  
Telephone 985-893-6600  
Emergency Phone 855-227-3584  
Website [www.VelocityDrillingFluids.com](http://www.VelocityDrillingFluids.com)

### 2. Hazards Identification

#### GHS CLASSIFICATIONS

Health: Skin Irritation, Category 2  
Eye Irritation, Category 2B

#### GHS LABEL



Exclamation mark

SIGNAL WORD: WARNING

HAZARD STATEMENTS H315 + H320: Causes skin and eye irritation.

## PRECAUTIONARY STATEMENTS

Prevention:	P280: Wear protective gloves/protective clothing/eye protection/face protection. P264: Wash skin thoroughly after handling.
Response:	P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention.

## 3. Composition/info on Ingredients

Chemical Name	Wt.%	CAS
Xanthan Gum	*	Proprietary
Hydrotreated petroleum distillates	*	Proprietary

**COMMENTS:** Ingredients and composition are withheld as trade secret in accordance with 29CFR1910.1200(i).

## 4. First Aid Measures

EYES:	Remove any contact lenses. Flush eye with plenty of water for 15 minutes. Get medical attention if irritation persists.
SKIN:	Wash with soap and water. Get medical attention if irritation develops or persists.
INGESTION:	Rinse out mouth with water. DO NOT induce vomiting. If vomiting occurs, keep head below hips to prevent material from entering airways. Never give anything by mouth to an unconscious person. Get immediate medical attention.
INHALATION:	Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get immediate medical attention if symptoms persist.

## 5. Fire Fighting Measures

FLAMMABLE CLASS:	NFPA Class III B Combustible liquid
EXTINGUISHING MEDIA:	Dry chemical, CO <sub>2</sub> , Foam, Fog.
HAZARDOUS COMBUSTION PRODUCTS:	Oxides of carbon.
FIRE FIGHTING PROCEDURES:	Evacuate area and fight fire from a safe distance. Cool containers and tanks with water spray. Do not enter any enclosed or confined fire space without proper protective equipment including self contained breathing apparatus and full bunker gear.
FIRE FIGHTING EQUIPMENT:	In case of fire, wear a full-face positive pressure self contained breathing apparatus and protective suit.

## 6. Accidental Release Measures

SMALL SPILL:	Contain and soak up spill with absorbent material. Place residues in a suitable, sealed and labeled container.
LARGE SPILL: LARGE SPILLS:	Shut off leak if safe to do so. Remove all possible sources of ignition. Contain spill with inert, absorbent material. Reclaim into recovery or salvage drums or vacuum truck for proper disposal. Treat residues as small spills.
ENVIRONMENTAL PRECAUTIONS	
WATER SPILL:	Prevent contamination of water. Prevent material from entering drains or watercourses using sand, earth or other appropriate barriers. Do not flush into surface water or sanitary sewer system.
SPECIAL PROTECTIVE EQUIPMENT:	Use protective equipment recommended in Section 8.

## 7. Handling and Storage

GENERAL PROCEDURES: Handle in accordance with good industrial hygiene and safety practices.

HANDLING: Handle and open containers with care. Avoid contact with eyes, skin and clothing. Keep container closed when not in use.

STORAGE: Keep container tightly closed in a dry, well-ventilated place. Store away from incompatible materials (see section 10).

## 8. Exposure Controls/ Personal Protection

ENGINEERING CONTROLS: Provide local ventilation to maintain exposure levels below recommended exposure limits. Eye washes and showers for emergency use.

### PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields (or goggles) or a face shield.

SKIN: Wear chemically resistant gloves.

RESPIRATORY: Use NIOSH/MSHA approved air-purifying or air-fed respirator if recommended exposure limit exceeded.

PROTECTIVE CLOTHING: Use protective clothing, which is chemical resistant to this material. Safety shoes or boots should be chemical resistant.

WORK HYGIENIC PRACTICES: Wash hands, forearms and face before eating, drinking, smoking and using the restroom. Launder contaminated clothing before re-use.

## 9. Physical and Chemical Properties

PHYSICAL STATE: Liquid slurry

ODOR: Slight characteristic

ODOR THRESHOLD: Not Available

COLOR: Tan to brown

pH: 6 to 8 (1% soln. in water)

FLASH POINT AND METHOD: > 110°C (230°F) Tag Closed Cup

FLAMMABLE LIMITS:	Not Available
AUTOIGNITION TEMPERATURE:	Not Available
VAPOR PRESSURE:	Not Available
VAPOR DENSITY:	Not Available
BOILING POINT:	Not Available
FREEZING POINT:	Not Available
THERMAL DECOMPOSITION:	Not Available
SOLUBILITY IN WATER:	Soluble in water
EVAPORATION RATE:	Not Available
DENSITY:	8.59 - 8.91 lbs/gal
SPECIFIC GRAVITY:	1.03 to 1.07
VISCOSITY:	Not Available

## 10. Stability and Reactivity

REACTIVITY:	Stable under normal conditions of use.
HAZARDOUS POLYMERIZATION:	Will not occur under normal conditions.
STABILITY:	Stable under normal conditions.
CONDITIONS TO AVOID:	Avoid temperature extremes.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon.
INCOMPATIBLE MATERIALS:	Strong oxidizers, strong acids.

## 11. Toxicology Information

### ACUTE

DERMAL LD <sub>50</sub> :	Not Available
ORAL LD <sub>50</sub> :	Not Available
INHALATION LC <sub>50</sub> :	Not Available
EYE EFFECTS:	Causes eye irritation.

SKIN EFFECTS: Causes skin irritation. CHRONIC: None known.

CARCINOGENICITY Notes: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, NTP, ACGIH or OSHA.

REPEATED DOSE EFFECTS: None Expected.

SENSITIZATION: Not expected to be a sensitizer.

GENETIC EFFECTS: None Expected.

REPRODUCTIVE EFFECTS: None Expected.

TARGET ORGANS: None Expected. TERATOGENIC EFFECTS: None Expected. MUTAGENICITY: None Expected.

## 12. Ecological Information

ENVIRONMENTAL DATA: Ecotoxicological data have not been determined specifically for this product. The information below is given based on knowledge of the components.

BIOACCUMULATION/ACCUMULATION: Not Available

DISTRIBUTION: Soluble in water.

AQUATIC TOXICITY (ACUTE): Not Established

CHEMICAL FATE INFORMATION: Not Available

## 13. Disposal Considerations

DISPOSAL METHOD: Dispose of contents/container to a licensed contractor or facility in accordance with local, state and federal regulations.

## 14. Transport Information

DOT (DEPARTMENT OF TRANSPORTATION): Not regulated for Transport by the US DOT.

AIR (ICAO/IATA): Not regulated for transport.

VESSEL (IMO/IMDG): Not regulated for transport.

CANADA TRANSPORT OF DANGEROUS GOODS: Not regulated for transport.

## 15. Regulatory Information

### UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Acute Health Fire

FIRE: Yes PRESSURE GENERATING: No REACTIVITY: No ACUTE: Yes CHRONIC: No

313 REPORTABLE INGREDIENTS: None

302/304 EMERGENCY PLANNING

EMERGENCY PLAN: NA = Not Applicable

TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name

CAS

Xanthan Gum

Proprietary

Hydrotreated petroleum distillates

Proprietary

TSCA STATUS: All components listed or exempt.

CLEAN AIR ACT

40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION: NA = Not Applicable

OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)

29 CFR 1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS: NA = Not Applicable

CALIFORNIA PROPOSITION 65: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

## 16. Other Information

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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.