

MATERIAL SAFETY DATA SHEET

1. PRODUCT COMPANY AND IDENTIFICATION

Trade Name	TEX-XAN PX
Generic Description	Premium Xanthan Gum
Manufacturer/Supplier	Kachina Drilling Chemicals, Ltd.
Address	1312 ECR 124, Midland, TX 79706
Phone Number	432-685-0063
Emergency Number	432-685-0063

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Material or Component	CAS Number	Percentage
Xanthan Gum	11138-66-2	100%

3. HAZARD IDENTIFICATION

Hazard Data:

Health	1	
Flammability	0	
Reactivity	0	Ratings based on NPFA

Inhalation:

Irritating to the respiratory tract if inhaled. The OSHA PEL for respirable dust is 5 mg/m³ and 15 mg/m³ for total dust.

Skin Contact:

May be irritating to the skin. Repeated or prolonged contact may cause drying and cracking of the skin.

Eye Contact:

No more than slightly irritating. Repeated or prolonged contact may cause drying and cracking of the skin.

Ingestion:

Not anticipated route of exposure. May cause irritation of digestive tract.

Chronic Health Effects

None known.

Medical Conditions Aggravated by Exposure

None known.

4. FIRST AID MEASURES

Inhalation:

Remove person to fresh air. Get medical attention for any breathing difficulty.

Skin Contact:

Immediately wash exposed area with soap and water. Get medical advice if irritation develops.

Eye Contact:

Immediately flush eyes with large amounts of running water for at least 15 minutes. Get medical advice if irritation develops.

Ingestion:

If large amounts were ingested, give water to drink and get medical advice.

Advice to Physicians

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flash Point Not applicable

Flammable Limits Not applicable

Fire Extinguishing Media Water, alcohol foam, sand, dry chemical or carbon dioxide (CO₂)

Unusual Fire and Explosion Hazard Warning. Combustible dust.

6. ACCIDENTAL RELEASE MEASURES

Release or Spill

Collect and place in suitable container for reuse or disposal.

Personal Precautions

Keep away from heat and sources of ignition. Avoid breathing dust.

Environmental Precautions

None

7. HANDLING AND STORAGE

Store in a cool, dry, ventilated area. Keep container tightly closed when not in use. Use good housekeeping in storage and work areas to prevent accumulation of dust. Keep away from oxidizing agents and extreme heat.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Airborne Exposure Limits

OSHA Permissible Exposure Limit (PEL) 15 mg/m³ total dust, 5 mg/m³ respirable fraction for nuisance dusts.

Ventilation Requirements:

A system of local and/or general exhaust is recommended if handled in a confined area to keep airborne levels below recommended exposure limits...

Respiratory Protection

Use NIOSH approved nuisance dust respirator.

Skin Protection

Wear long sleeved clothing and work gloves.

Eye Protection

Wear safety glasses with side shields. Maintain eye wash station in work area.

Other Protection Equipment/Clothing

As appropriate for work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Powder
Color	Light yellow
Odor	None
pH (1% soln/water)	7
Specific Gravity	0.8
Boiling Range/Point	Not applicable
Flash Point	Not applicable
Explosion Limits (%)	Not applicable
Solubility in Water	Slight
Vapor Density (Air=1)	Not applicable
Evaporation Rate (butyl acetate=1)	Not applicable
Molecular weight	approx. 1,000,000

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use and storage.

Materials to Avoid: Excessive heat, ignition sources and strong oxidizers.

Hazardous Polymerization: Will not occur.

Hazardous Decomposition: CO, CO₂

11. TOXICOLOGICAL INFORMATION

No acute toxicity data is available for product or components.

12. ECOLOGICAL INFORMATION

No ecotoxicity data is available. This product is not expected to present an environmental hazard.

13. DISPOSAL

Dispose of material in accordance with all local, state, and federal regulations.

14. TRANSPORTATION INFORMATION

UN Proper Shipping Name	Not restricted
UN Label	None
UN Identification Number	None
Hazardous Ingredients	None
Placards	None
Reportable Quantity	None

15. REGULATORY INFORMATION

TSCA Listed	Yes
SARA Title III Section 302	No
SARA Title III Section 311/312	No
SARA Title III Section 313	No
WHMIS (Canada):	Not a controlled product
DSL (Canada)	Listed

16. OTHER INFORMATION

Abbreviations

N/A: Denotes no applicable information found or available

CAS#: Chemical Abstracts Service Number

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: Occupational Safety and Health Administration

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit

NTP: National Toxicology Program

IARC: International Agency for Research on Cancer

LC50: Lethal Concentration 50%

LD50: Lethal Dose 50%

BOD: Biological Oxygen Demand

MSDS Date: 08-17-11

Disclaimer: All information and recommendations concerning product is based on tests and data believed to be reliable; however it is the user's responsibility to determine the safety, toxicity and suitability for the user's own use of the product described herein. Since the actual use by others is beyond our control, no guarantee expressed or implied is made by Kachina Drilling Chemicals, Ltd. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular conditions exist or because of applicable laws or government regulations.