



SAFETY DATA SHEET

1. Identification

Product Identifier Saber Thin
Recommended use Not available
Recommended restrictions None known
Manufacturer/Importer/Supplier/Distributor information

Manufacturer

Company name Saber Drilling Fluids, LLC
Address 10330 Lake Rd, Suite A Houston, TX 77070
Phone 281-973-5914
Website www.saberfluids.com
Email Mhalk@saberfluids.com
Emergency phone number Call Chemtrec 1-800-429-9300

2. Hazard(s) Identification

Hazard data May be irritating to skin, eyes and respiratory tract.
Health 1
Flammability 1
Reactivity 0 Rating based on NPFA
Inhalation Irritating to the respiratory tract if inhaled. Prolonged exposure to high levels of dust may cause sneezing, coughing, or other nuisance symptoms. Nuisance dust 10 mg/m³ total dust. (Chromium compounds 0.5 mg/m³).
Skin contact May be irritating, defatting and cause dermatitis to the skin with prolonged contact.
Eye contact May cause irritation, redness and tearing to the eyes.
Ingestion May cause nausea, gastric distress and vomiting if ingested. Not anticipated route of exposure.
Chronic health effects Not listed as a carcinogen on IARC, NTP or OSHA lists.
Medical conditions aggravated by exposure None known.

3. Composition/Information of Ingredients Mixtures

Chemical Name	OSHA PEL	CAS Number	%
Chromium Compounds	0.5 mg/m ³	7440-47-3	5
Proprietary Ingredients			95

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.



4. First Aid Measures

Inhalation

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

Skin contact

Wash exposed area with soap and water. Remove contaminated clothing. Get medical advice if irritation develops.

Eye contact

Wash thoroughly with large amounts of running water for at least 15 minutes. Get medical advice if irritation develops.

Ingestion

If large amounts were ingested, immediately dilute by drinking 2-3 glasses of water. Induce vomiting. Get medical attention.

Advice to physicians

Treat symptomatically.

5. Fire Fighting Measures

Flash Point

Not applicable

Flammable Limits

Not applicable

Fire Extinguishing Media

Water, carbon dioxide, dry powder or foam

Unusual Fire and Explosion Hazard

Dust explosions may occur when finely divided particles are mixed with air in the presence of an ignition source.

6. Accidental Release Measures

Release or spill

Avoid creating dusty conditions. Remove all ignition sources. Contain, collect and place in suitable container for reuse or disposal.

Personal precautions

Avoid breathing dust

Environmental precautions

Keep out of waterways and sewers.

7. Handling and Storage

Handling and Storage

Store and handle in a cool, dry, ventilated area. Use good housekeeping in storage and work areas to prevent accumulation of dust. Keep away from excessive heat, oxidizing agents and ignition sources.

8. Exposure Controls/Personal Protection

Airborne exposure limits

OSHA Permissible Exposure Limit (PEL) 10 mg/m³ total dust, 5 mg/m³ respirable fraction for nuisance dusts. Chromium Compounds PEL is 0.5 mg/m³.

Ventilation requirements

A system of local and/or general exhaust is recommended if handled in a confined area. Because of the explosive potential of organic dust when suspended in air, precautions should be taken to prevent sparks or other ignition sources in ventilation equipment. Use of totally enclosed motor is recommended.

Respiratory protection

Use NIOSH approved air purifying respirator for prolonged exposure to high concentrations.

Skin protection

Wear long sleeved clothing and work gloves (rubber recommended).

Eye protection

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



Other protection equipment/clothing

As appropriate for work area. Use explosion proof equipment for dusty conditions.

9. Physical and Chemical Properties

Appearance

Physical state

Powder

Form

Solid

Color

Reddish to tan

Odor

No appreciable odor

pH

Not applicable

Specific gravity

1.25

Boiling range/point

Not applicable

Flash point

Not applicable

Explosion limits (%)

Not applicable

Density @20C (uncompacted)

0.59 g/ml

Solubility in water

Soluble

Vapor density (air=1)

Not applicable

Evaporation rate (butyl acetate=1)

Not applicable

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

Oxides of sulfur (SO₂) and oxides of carbon are possible if heated to decomposition.

11. Toxicological Information

No acute toxicity data is available for product or components.

Cancer Status: Not listed as carcinogen by IARC, NTP or OSHA.

12. Ecological Information

No ecotoxicity data is available.

13. Disposable Considerations

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

14. Transport Information

UN Proper Shipping Name

Not regulated

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

SARA Title III Section 313

No

Yes – Chromium Compounds – Acute & Chronic

16. Other Information, Including Date of Preparation or Last

Revision Abbreviations

N/A: Denotes no applicable information found or
available CAS#: Chemical Abstracts Service
Number

ACGIH: American Conference of Governmental Industrial Hygienists

NIOSH: National Institute for Occupational Safety & Health

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

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