



Safety Data Sheet

Issue Date: 6-Mar-2017

Revision Date:

Version 1

1. IDENTIFICATION

Product Identifier

Product Name TEST FLUID 50 LT

Other means of identification

SDS #

ITEM# L-3750-275

Recommended use of the chemical and restrictions on use

Recommended Use Water-based fluid for use in hydraulic shoring system and hydro testing application.

Details of the supplier of the safety data sheet

Supplier Address

Ashburn Chemical Technologies
7403 Wright Rd
Houston, TX 77041

Emergency Telephone Number

Company Phone Number

832-399-1000

Emergency Telephone (24 hr)

INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

2. HAZARDS IDENTIFICATION

Appearance Brown, turbid

Physical State Liquid

Odor Mild

Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Signal Word

No signal word

Symbol

N/A

Hazard Statements

N/A

Precautionary Statements

No statements

Hazard(s) not Otherwise Classified None known significant effects or critical hazards

Unknown Acute Toxicity

This product contains 0% percentage of chemicals of unknown toxicity

Emergency Overview

Low hazard for usual industrial or commercial handling

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Triethanolamine	102-71-6	1-5
Propylene Glycol	57-55-6	50-80
Boric Acid, Amine salt	68425-67-2	1-5

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

4. FIRST-AID MEASURES**First Aid Measures**

General Advice	Provide this SDS to medical personnel for treatment.
Eye Contact	Flush immediately with plenty of water for 15 minutes. If irritation persists, see physician.
Skin Contact	Wash contact areas with soap and water. If skin irritation persists, call a physician.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical attention for further treatment
Ingestion	Do not induce vomiting without medical advice. Seek medical attention/advice.

Most important symptoms and effects

Symptoms	No significant symptoms are expected due to the non-classification of the product. No hazard is expected under intended use and appropriate handling. See SECTION 11 for delayed and chronic effects.
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Indication of any immediate medical attention and special treatment needed

Notes to Physician	Treat symptomatically.
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5. FIRE-FIGHTING MEASURES

Suitable / Unsuitable Extinguishing Media	Use appropriate media for surrounding fire
Specific Hazards Arising	Not determined.
Hazardous Combustion Products	None-known.
Protective equipment / Precautions for firefighters	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Avoid contact with skin or eyes. Wear protect clothing, eye protection. See SECTION 8 for Personal Protective Equipment.
Environmental Precautions	Prevent entry into waterways, rivers, lakes, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so. See SECTION 12 for Ecological Information.

Methods for Clean-Up

Absorb or cover with dry earth, sand or other non-combustible material.
Sweep up absorbed material and shovel into suitable containers for disposal.
If the product contaminates rivers and lakes or drains inform respective authorities.
Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations.
See SECTION 13 for Waste Disposal.

7. HANDLING AND STORAGE

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice.
Wash face, hands, and any exposed skin thoroughly after handling.
See SECTION 8 for Personal Protection.
See SECTION 2 for Precaution Statements.

Storage Conditions

Keep container tightly closed and store in a cool, dry and well-ventilated place.
Do not store in open or unlabeled containers.
Keep out of reach of children.
Store away from heat and open flame. Storage temperature 5-40°C (41-104°F).

Incompatible Materials

None-known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate Engineering Controls

Maintain eye wash fountain and quick-drench facilities in work area.

Individual protection measures, such as personal protective equipment**Eye/Face Protection**

Safety glasses with side shields

Skin and Body Protection

Wear gloves and protective clothing depending on condition of use.

Respiratory Protection

Not applicable with adequate ventilation

General Hygiene Considerations

Avoid contact with skin, eyes and clothing.
Wash hands after handling this product and before eating, drinking, or smoking,
See SECTION 4 for First-Aid Measure

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties**Physical State**

Liquid

Appearance

Clear

Color

Colorless to light yellow

Odor

Mild

Odor Threshold

Not determined

Property**Values****Remarks • Method**

pH

9.0 -10.0

Freezing Point

- 45.5 °C / -50 °F

Boiling Point/Boiling Range

107 °C / 225 °F

Flash Point

Not flammable

Evaporation Rate

< 1.0

(butyl acetate = 1)

Flammability (Solid, Gas)

Not determined

Upper Flammability Limits

Not determined

Lower Flammability Limit

Not determined

Vapor Density

> 1.0

(Air=1)

Specific Gravity

1.03 - 1.05

(1=Water)

Water Solubility

Completely soluble

Solubility in other solvents	Not determined
Partition Coefficient	Not determined
Auto-ignition Temperature	Not determined
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Explosive Properties	Not determined
Volatility including water	Not determined
VOC Content (%)	Not determined

10. STABILITY AND REACTIVITY

Reactivity	Not reactive under normal conditions.
Chemical Stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to Avoid	Incompatible Materials.
Incompatible Materials	Strong acids, alkalis, certain oxidizing agents.
Hazardous Decomposition Products	Thermal decomposition and combustion are not expected to occur except under extreme conditions.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Eye Contact	May cause temporary or minor irritation on eye contact.
Skin Contact	Prolonged contact may cause redness and irritation.
Inhalation	May cause irritation to the respiratory tract.
Ingestion	May cause gastrointestinal irritation or diarrhea.

Delayed and immediate effects

Acute Effects	No data available
Chronic Effects	No data available

Information on physical, chemical and toxicological effects

Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen. However, the product as a whole has not been tested.
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Chemical Name	ACGIH	IARC	NTP	OSHA
Triethanolamine 102-71-6		Group 3		

STOT- repeated/single exposure	No data available
Gem Cell Mutagenicity	No data available
Reproductive Toxicity	No data available
Numerical measures of toxicity	Not determined

12. ECOLOGICAL INFORMATION

Ecotoxicity Not expect to be harmful to aquatic organisms.

Persistence/Degradability Biodegradation: Expected to be slowly biodegradable.

Bioaccumulation Not determined.

Mobility

Chemical Name	Partition Coefficient
Triethanolamine 102-71-6	-2.53

Other Adverse Effects Not determined

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. TRANSPORT INFORMATION

Note Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

DOT Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories All components are listed or exempt.

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Propane-1,2-diol	Present		X	Present	X	X	X	Present	X	X
Triethanolamine	Present	X		Present		Present	X	Present	X	X

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

US Regulations

CERCLA This material does not contains a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 255)

SARA 311/312 Hazardous Chemical This material, as supplied, does not contain any substances subject to the requirements of SARA Sections 311/312 (40 CFR 370)

SARA 313 This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

California Proposition 65

This product does not contain any Proposition 65 chemicals.

US State RTK

Chemical Name		New Jersey	Massachusetts	Pennsylvania
Triethanolamine	102-71-6	X	X	X
Propane-1,2-diol	57-55-6 5	X	-	X

16. OTHER INFORMATION**NFPA****Health Hazards**

1

Flammability

0

Instability

0

Special Hazards

Not determined

HMIS**Health Hazards**

1

Flammability

0

Physical Hazards

0

Personal Protection

Not determined

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New format

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.

End of Safety Data Sheet