

Consolidated Oil Well Services, Inc.
P.O. Box 884
Chanute, KS 66720

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier : StimLube® CAT
Chemical Name : Polymer
Chemical Family : Polymer
Manufacturer : CESI Chemical (a Flotek Industries, Inc. company)
: 1004 S. Plainsman Road, Marlow, OK 73055
Emergency Phone : (405) 282-8510
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Issue Date : 09/16/2008
Revised Date : 11/30/2010

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient : Hydrotreated Light Distillate
CAS No. : 64742-47-8
Wt. Percent Range : 10-30
OSHA PEL : No data available
ACGIH TLV : No data available
LD50 : No data available
LC50 : No data available

3. HAZARDS IDENTIFICATION

Human health hazards
Acute health hazards : Possible minimal irritation
Chronic health hazards : Contact dermatitis
Route(s) of entry : Eyes, skin, inhalation and ingestion
Safety hazards : Spills produce extremely slippery surfaces
Environmental hazards : No information is available on the product.

4. FIRST AID MEASURES

Eye : Remove contact lenses at once. Immediately flush with copious amounts of water for at least 15 minutes while holding eyelids open. If irritation persists, seek medical attention.
Skin : Wash affected area thoroughly with soap and water for at least 15 minutes or until product is removed. Remove contaminated clothing and launder before reuse. If irritation develops, seek medical attention.
Inhalation : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek prompt medical attention.
Ingestion : Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

Flash Point : >200°F (>93.3°C)
Lower Explosion Limit : No data available
Upper Explosion limit : No data available
Extinguishing Media : Water spray (fog), Dry Chemical, Foam or Carbon Dioxide
Protective equipment : NIOSH/MSHA approved self-contained breathing apparatus (SCBA) and turnout gear.
Hazardous combustion products : Carbon monoxide, carbon dioxide, nitrogen oxides and sulfur oxides

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Wear hand, eye, protective clothing and respiratory protective equipment to eliminate contact.
- General precautions : Eliminate ignition sources. Evacuate all non-essential personnel.
Spills produce extremely slippery surfaces.
- Small spills : Soak up residue with an inert absorbent and place into appropriate containers for disposal or reclamation. Flush contaminated area thoroughly with water.
Retain washings as contaminated waste.
- Large spills : If possible stop the flow of chemical. Dike to contain and prevent spreading.
Remove with vacuum truck or pump to salvage vessels. Treat residue as for small spills.

7. HANDLING AND STORAGE

- Handling : Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Use with adequate ventilation. Do not take internally. Wear appropriate protective clothing and equipment during handling. Wash thoroughly after handling.
Remove contaminated clothing and laundry before reuse.
- Storage : Keep container closed when not in use. Store drums with the bung up.
Carefully vent container before removing bung.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Occupational exposure standards : Not established for the product.
- Hand protection : Impervious gloves.
- Eye protection : Chemical splash goggles and face shield if conditions warrant.
- Respiratory protection : Not normally required.
- Engineering control measures : General (mechanical) room ventilation is expected to be satisfactory.
- Other : Emergency eye wash fountains and safety showers should be in the immediate vicinity of any potential exposure.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form : Liquid
- Appearance : Milky
- Color : White
- Odor : Mild
- Specific Gravity : 1.04 @ 25°C
- Bulk Density : 8.68 lbs/gal
- Boiling Point : >212° F (>100°C)
- Freezing Point : -4° F (<-20°C)
- Solubility in water : Inverted emulsion
- pH : Not applicable
- Percent Volatiles : ~75% (water)
- Vapor Pressure : Similar to water

10. STABILITY AND REACTIVITY

- Stability : Stable
- Conditions to avoid : None known
- Hazardous polymerization : Will not occur
- Hazardous decomposition products : Carbon monoxide, carbon dioxide, nitrogen oxides and sulfur oxides
- Incompatibility : Strong oxidizing agents

11. TOXICOLOGICAL INFORMATION

- Acute Effects
- Eye : Avoid eye contact. Product is minimally irritating to eyes upon direct contact.
- Skin : Avoid skin contact. Product is minimally irritating to the skin. Prolonged or repeated contact with the skin may result in contact dermatitis causing dryness, chapping and reddening.
- Inhalation : Not expected to present an inhalation hazard at ambient conditions.
- Ingestion : Do not ingest. Ingestion of small quantities is usually nonfatal unless aspiration occurs. Aspiration may lead to chemical pneumonitis, which is characterized by pulmonary edema and hemorrhage and may be fatal.
- Chronic Effects : No other known chronic effects.
- Carcinogenicity : None of the ingredients are listed in NTP, IARC monographs or OSHA regulated.

12. ECOLOGICAL INFORMATION

Environmental Fate : Product is expected to be readily biodegradable.

13. DISPOSAL CONSIDERATIONS

Waste disposal : Recycle if possible. Otherwise dispose to licensed disposal contractor.
Product disposal : Recycle if possible. Otherwise comply with all local, state and federal regulations.
Container disposal : Drain container thoroughly. Triple rinse with water. Send to reclaimer or dispose of properly. Comply with all local, state and federal regulations.

14. TRANSPORT INFORMATION

LAND (D.O.T.)

Shipping Name : Not Regulated
Label(s) required : None
Emergency Phone : (405) 282-8510

AIR (IATA)

Shipping Name : Not Regulated
Label(s) required : None

SEA (IMDG)

Shipping Name : Not Regulated
Label(s) required : None

15. REGULATORY INFORMATION

This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

OSHA Classification : Not Regulated

TSCA (USA) : All components listed.
DSL (Canada) : All components listed.

SARA Title III Section 302 : Extremely Hazardous Substances (40CFR355): This product does not contain ingredients listed in Appendix A and B.

Sections 311/312
Immediate (acute) health hazard : YES
Delayed (chronic) health hazard : YES
Fire hazard : NO
Sudden Release of Pressure Hazard : NO
Reactive Hazard : NO

Section 313 Reportable Quantities : None

CERCLA : If the reportable quantity of this product is accidentally spilled, the incident is subject to the provisions of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and must be reported to the National Response Center by calling (800) 424-8802.

Reportable Quantity : Not determined for the product.

16. OTHER INFORMATION

NFPA 704

Health : 0
Fire : 1
Reactivity : 0
Special : None

HMIS

Health : 0
Fire : 1
Reactivity : 0
Special : None

Disclaimer of Liability : The information contained in this MSDS was obtained from sources that we believe are reliable. However, the information is without any warranty, express or implied, regarding correctness. The methods of handling, storage, use and disposal of the product are beyond our control and may be outside the scope of our knowledge. For these reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.