



## I. Chemical Product and Company Identification

Product Name: Super TSC-LTE  
Identification #: 35-515-5046  
Product Use/Class: Scale Control  
Supplier: Nabors Completion and Production Services  
515 W. Greens Road, Suite 1100, Houston, TX 77067  
Supplier Tracking Code: 2058  
Emergency Contact: CHEMTREC 1 (800) 424-9300  
Prepared By: LZ  
Date Prepared: 01/29/2014

## II. Composition/Information on Ingredients

### III. Hazardous Identification

Emergency Overview: Clear colorless liquid.  
WARNING!  
May cause eye and skin irritation.  
May be harmful if ingested or inhaled.

Eye Contact: Contact may cause eye irritation with tearing, redness, swelling, and pain. The product may be a lachrymator (substance which increases the flow of tears).

Skin Contact: Contact may cause skin irritation with redness and pain. The product may be harmful if absorbed through the skin.

Inhalation: This product is not expected to pose an inhalation hazard unless mists or vapors are generated and inhaled. If so, respiratory tract irritation may occur. Dizziness, headache, nausea, and flu-like symptoms may also occur. Persons with sensitive airways (e.g. asthmatics) may react to inhaled mists. Inhalation of the product may be harmful.

Ingestion: Ingestion may cause irritation of the mucous membranes of the mouth, throat, esophagus, and stomach. Abdominal pain, nausea, vomiting, and diarrhea may occur. Ingestion may be harmful.

Chronic Harards: No information is available for this product.  
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Conditions of the eye, skin, and respiratory system may be aggravated by overexposure to this product.

Primary Route(s) of Entry:	■ Skin Contact	■ Eye Contact	■ Ingestion
	■ Skin Absorbtion	■ Inhalation	

## IV. First Aid Measures

Eye Contact:	Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally to ensure complete rinsing. Get medical attention immediately.
Skin Contact:	In a timely manner, remove contaminated clothing and wash the affected area thoroughly with plenty of soap and water. If irritation occurs, get medical attention. Wash contaminated clothing before reuse.
Inhalation:	If inhalation occurs, remove victim to fresh air. If breathing stops, give artificial respiration. If breathing is difficult, have a trained medical person give oxygen. Get medical attention if any breathing difficulties occur.
Ingestion:	If swallowed, do not induce vomiting. If victim is conscious and alert, give large quantities of water. Get medical attention. Never give anything by mouth to an unconscious person.

## **V. Fire Fighting Measures**

Flash Point:	Expected to exceed 200 oF (93.3 oC)
Auto Ignition Temperature:	N/A
Lower Explosive Temp.:	N/A
Upper Explosive Temp.:	N/A
Extinguishing Media:	Water spray, water fog, dry chemical, alcohol foam, or carbon dioxide. Do NOT use a water jet.
Unusual Fire and Explosive Harards:	Product may emit toxic gases under fire conditions. Contact with metals may evolve flammable hydrogen gas. DECOMPOSITION PRODUCTS: Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide, oxides of nitrogen, oxides of sulfur, oxides of phosphorus, hydrogen chloride, acrylate monomers, and hydrocarbons.
Special Fire Fighting Procedures:	Exercise caution when fighting any chemical fire. A self-contained breathing apparatus and protective clothing are essential.

## **VI. Accidental Release Measures**

Steps to be Taken in Case Material is Released or Spilled:	<p><b>PERSONAL PRECAUTIONS:</b> Use personal protective equipment recommended in Section 8 (Exposure Controls/Personal Protection). Ventilate the spill area. Keep unnecessary and unprotected people away from the spill site. Stop or reduce any leaks if it is safe to do so. Notify appropriate government, occupational health and safety, and environmental authorities.</p> <p><b>METHODS FOR CLEAN-UP:</b> Small spills: Soak up spill with an inert absorbent material. Place residues in a suitable, covered, properly labeled container. Wash the affected area. Large spills: Contain liquid using an inert absorbent material, by digging trenches or by diking. Reclaim into recovery or salvage drums or tank truck for proper disposal. Contact an approved waste hauler for disposal of contaminated recovered material.</p> <p><b>DISPOSAL:</b> Dispose of material in compliance with regulations indicated in Section 13 (Disposal Considerations).</p>
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## **VII. Handling and Storage**

Handling:	<p>Avoid contact with eyes, skin, and clothing. Avoid breathing mist. Use with adequate ventilation. Wash thoroughly after handling. Do not take internally. Keep containers closed when not in use. Ensure that containers are properly labeled. Since empty containers retain product residues (vapors, liquid), observe all warnings and precautions listed for the product. Have emergency equipment (for fires, spills, leaks, etc.) readily available.</p>
Storage:	Store product in a cool, dry, well-ventilated area away from incompatibles.

## VIII. Exposure Controls/Personal Protection

Engineering Controls:	A system of local and/or general exhaust is recommended to keep employee exposures below irritating levels. Local exhaust ventilation is preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the latest edition of the ACGIH document Industrial Ventilation, A Manual of Recommended Practices for details.
Respiratory Protection:	If mists, vapors, or aerosols are generated, an approved respirator is recommended. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, and maintenance and inspection.
Skin Protection:	Chemical resistant gloves and clean body covering clothing.
Eye Protection:	Chemical splash goggles.
Other Protective Equipment:	An eye wash station and safety shower should be accessible in the immediate area of use.
Hygienic Practices:	N/A

## IX. Physical and Chemical Properties

Boiling Point:	>93 °C (>200 °F)	Vapor Density:	N/A
Odor:	Mild.	Odor Threshold:	N/A
Appearance:	Clear, Colorless liquid	Evaporation Rate:	N/A
Solubility in H <sub>2</sub> O:	Complete.	Specific Gravity:	1.00 – 1.07 g/mL
Freeze Point:	-5.6 °C (22°F)	pH at 50.0%:	2.3 – 3.5
Vapor Pressure:	N/A	Viscosity:	N/A
Physical State:	Liquid.		
Coefficient of Water Oil Distribution:	N/A		

## X. Stability and Reactivity

Conditions to Avoid:	Extreme heat and incompatibles
Incompatibility:	Strong oxidizing agents, strong acids, and strong bases.
Hazardous Decomposition Products:	Thermal decomposition or combustion may produce carbon monoxide, carbon dioxide, oxides of nitrogen, oxides of sulfur, oxides of phosphorus, hydrogen chloride, acrylate monomers, and hydrocarbons.
Hazardous Polymization:	Will not occur.
Stability:	Stable under ordinary conditions of use and storage.

## XI. Toxicological Properties

Toxicological Properties:	No product information is available.
Oral:	NI
Dermal:	NI
Inhalation:	NI

## XII. Ecological Information

Ecological Properties:	N/A
Ecotoxicity:	N/A
Chemical Fate Information:	N/A

### ***XIII. Disposal Consideration***

Disposal Method: Dispose of in accordance with local, state, and federal regulations.  
RCRA Status: Discarded product, as sold, would be considered a RCRA Hazardous Waste.

### ***XIV. Transportation Information***

DOT Proper Shipping Name: Not DOT Regulated  
DOT Technical Name:  
DOT Hazard Class:  
DOT Hazard Subclass:  
DOT UN/NA Number:  
Packing Group:  
Resp. Guide Page:

## ***XV. Regulatory Information***

OSHA: This product is not considered to be hazardous as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Status: The ingredients of this product are listed on the Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CERCLA SARA: Section 311 and 312 Health and Physical Hazards:  
Immediate - Yes

SARA Section 313  
Required Reporting:

## ***XVI. Other Information***

Other Information: The preceding information is accurate to the best of our knowledge. However, since data, safety standards, and government regulations are subject to change, and the conditions of handling and use or misuse are beyond our control, Superior Well Services makes no warranty, either express or implied, with respect to the completeness or continuing accuracy of the information contained herein, and disclaims all liability for reliance thereon. User should satisfy himself that he has all current data relevant to his particular use.

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This product material safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. For any other uses, or when used in conjunction with other products, exposures must be evaluated by the user so that appropriate handling practices and training programs can be established to ensure safe workplace operations. This information is confidential to Nabors Completion & Production Services Company (Nabors) and intended solely for the use of the individual or entity to whom they are directly distributed. Distribution or use beyond the individual or entity is strictly prohibited without the consent of Nabors.