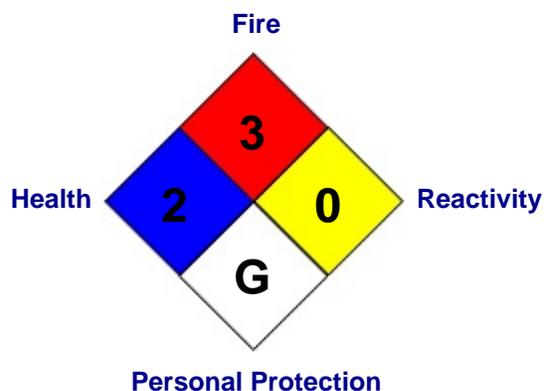




**HMS Hazard Rating:**

- 4 = Severe
- 3 = Serious
- 2 = Moderate
- 1 = Slight
- 0 = Minimal



***I. Chemical Product and Company Identification***

Product Name: Super MAX  
Identification #: 35-525-0220  
Product Use/Class: Surfactant & Foamer  
Supplier: Superior Well Services  
Manufacturer: Weatherford Fracturing Technologies  
Emergency Contact: CHEMTREC 1 (800) 424-9300  
Prepared By: RAA  
Date Prepared: 02/11/2008

***II. Composition/Information on Ingredients***

Chemical Name: Isopropyl Alcohol  
CAS Number: 67-63-0  
Percent by Mass Less Than: 10-30

Exposure Limits

Threshold Limit Value - Time Weighted Average: 400 ppm  
Threshold Limit Value - Short Term Exposure Limit: 500 ppm  
Permissible Exposure Limit - Time Weighted Average: 400 ppm  
Permissible Exposure Limit - Ceiling: 500 ppm  
Company Threshold Limit - Time Weighted Average: NI  
Skin: NI

Chemical Name: Glycol Ethers  
CAS Number: 111-76-2  
Percent by Mass Less Than: 3-7

Exposure Limits

Threshold Limit Value - Time Weighted Average: 25 ppm  
Threshold Limit Value - Short Term Exposure Limit: NI  
Permissible Exposure Limit - Time Weighted Average: 25 ppm  
Permissible Exposure Limit - Ceiling: NI  
Company Threshold Limit - Time Weighted Average: NI  
Skin: NI

Chemical Name: Ethylhexanol  
CAS Number: 104-76-7  
Percent by Mass Less Than: 15-40

Exposure Limits

Threshold Limit Value - Time Weighted Average: NE  
Threshold Limit Value - Short Term Exposure Limit: NE  
Permissible Exposure Limit - Time Weighted Average: NE  
Permissible Exposure Limit - Ceiling: NE  
Company Threshold Limit - Time Weighted Average: NE  
Skin: NI

Chemical Name: Proprietary Component  
CAS Number: xxxxx-xx-x  
Percent by Mass Less Than: 3-7

Exposure Limits

Threshold Limit Value - Time Weighted Average: NE  
Threshold Limit Value - Short Term Exposure Limit: NE  
Permissible Exposure Limit - Time Weighted Average: NE  
Permissible Exposure Limit - Ceiling: NE  
Company Threshold Limit - Time Weighted Average: NE  
Skin: NI

### III. Hazardous Identification

Emergency Overview:	No information.
Eye Contact:	Liquid, aerosols and vapors of this product may be irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.
Skin Contact:	Brief contact may cause mild irritation. Prolonged contact may cause severe irritation and dermatitis. Allergic reactions are possible.
Inhalation:	May be harmful or fatal if inhaled. May be irritating or corrosive to mucos membranes respiratory passages.
Ingestion:	May be irritating to mouth, throat, and stomach.
Chronic Harards:	Overexposure may cause nervous system and kidney damage. May cause liver disorder (e.g. edema, proteinuria) and damage.

#### Effects of Overexposure

Primary Route(s) of Entry:	<input type="radio"/> Skin Contact	<input type="radio"/> Eye Contact	<input type="radio"/> Ingestion
	<input type="radio"/> Skin Absorbtion	<input type="radio"/> Inhalation	

### IV. First Aid Measures

Eye Contact:	No Information Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention if irritation persists.
Skin Contact:	Remove contaminated clothing. Wash skin with soap and water. Get medical attention if irritation persists.
Inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Ingestion:	If swallowed, induce vomiting as directed by medical personnel. Never give anything by mouth to an unconscious person. Contact a poison control center of medical personnel immediately.

### V. Fire Fighting Measures

Flash Point:	77F
Auto Ignition Temperature:	No Information
Lower Explosive Temp.:	No Information
Upper Explosive Temp.:	No Information
Extinguishing Media:	Alcohol Foam, CO2, Dry Chemical, Water Fog
Unusual Fire and Explosive Harards:	Vapors may form explosive mixture with air. "Empty" containers retain product residue (liquid and/or vapors) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC, ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Empty drums should be completely drained, properly bunged and promptly returned to a drum conditioner, or properly disposed of.
Special Fire Fighting Procedures:	No Information Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Use water spray to keep containers cool.

### VI. Accidental Release Measures

Steps to be Taken in Case Material is Released or Spilled:	Eliminate all sources of ignition. Evacuate the area. Recover as much material as practical. Soak up the balance with sand, dirt, or other material and haul to approved dump.
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## VII. Handling and Storage

Handling:	Handle all chemicals with care. Ground and bond containers when transferring materials.
Storage:	Keep away from heat, sparks, and flames. Keep container closed when not in use. Store in a cool, dry, well ventilated place away from incompatible materials.

## VIII. Exposure Controls/Personal Protection

Engineering Controls:	Local exhaust and ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.
Respiratory Protection:	A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection by air purifying respirators is limited.
Skin Protection:	PVC coated protective gloves, long sleeve shirt, trousers, and chemical resistant boots.
Eye Protection:	Wear splash-proof safety goggles and/or a full face shield when eye contact may occur.
Other Protective Equipment:	Emergency eyewash stations and deluge showers should be available in the work area.
Hygienic Practices:	Wash hands before eating. Use only with adequate ventilation. Remove contaminated clothing and wash before reuse. Ground and bond containers when transferring material.

## IX. Physical and Chemical Properties

Boiling Point:	ND	Vapor Density:	ND
Odor:	ND	Odor Threshold:	No Information
Appearance:	Yellow	Evaporation Rate:	No Information
Solubility in H2O:	ND	Specific Gravity:	.94-.98
Freeze Point:	ND	pH at 50.0%:	7-9
Vapor Pressure:	ND	Viscosity:	No Information
Physical State:	Liquid		
Coefficient of Water Oil Distribution:	No Information		

## X. Stability and Reactivity

Conditions to Avoid:	Avoid temperature extremes. Excessive heat causes the vapor pressure to increase rapidly.
Incompatibility:	Strong acids, oxidizing materials.
Hazardous Decomposition Products:	Oxides of carbon.
Hazardous Polymerization:	Will not occur.
Stability:	This product is stable under normal storage conditions.

## XI. Toxicological Properties

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

## ***XII. Ecological Information***

Ecological Properties: No product information is available.  
Ecotoxicity: No product information is available.  
Chemical Fate Information: No product information is available.

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

Disposal Method: Consult local, state, and federal regulatory agencies for acceptable disposal procedures and disposal locations. Disposal in streams or sewers may be prohibited by federal, state, and local regulations.  
RCRA Status: D001-Characteristic of ignitability.

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

DOT Proper Shipping Name: Flammable liquids, n.o.s.  
DOT Technical Name: (Contains Isopropanol)  
DOT Hazard Class: 3  
DOT Hazard Subclass:  
DOT UN/NA Number: UN1993  
Packing Group: III  
Resp. Guide Page:

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

OSHA:	No Information		
TSCA Status:	All components of this product are listed on the Toxic Substance Control Act Inventory or are excluded from the listing requirements.		
CERCLA SARA:	This product has been reviewed according to the EPA 'Hazard Categories' promulgated under the sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories: Chronic hazard, Fire hazard		
SARA Section 313 Required Reporting:	<b>Chemical</b>	<b>CAS Number</b>	<b>WT/WT%</b>
	Glycol Ethers	111-76-2	3-7
	Ethylhexanol	104-76-7	15-40

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

Other Information:      NA = Not applicable    ND = Not Determined    NI = No Information    NE = Not Established

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 Superior Well Services, Ltd. (SWSI) 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 SWSI.