



# MATERIAL SAFETY DATA SHEET

## SECTION I: IDENTIFICATION OF PRODUCT

**PRODUCT NAME:** Defoamer S (Silicone)

**PRODUCT USE:** Oil Well Fluid Additive

**CHEMICAL FAMILY:** Silicone Emulsion

### WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

**WHMIS CLASSIFICATION:** D2B

**WORK PLACE HAZARD:** Skin and Eye Irritant

### TRANSPORTATION OF DANGEROUS GOODS (TDG)

**SHIPPING NAME:** Not Regulated Under TDG

**TDG CLASSIFICATION:** N/A

**UN NUMBER (PIN):** N/A

**PACKING GROUP:** N/A

## SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD<sub>(50)</sub> Oral-Rat</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Hydrogenated silica Glycerides	1 – 2	068308543	N/A	N/A	N/A

## SECTION III: TOXICOLOGICAL PROPERTIES

**ROUTE OF ENTRY:**  SKIN       EYE CONTACT       INHALATION       INGESTION

**EYE CONTACT :** May cause mechanical irritation to the eyes.

**SKIN CONTACT:** May cause slight skin irritation.

**INGESTION:** May cause slight nausea.

**INHALATION:** No evidence of adverse effects from inhalation.

## SECTION IV: FIRST AID MEASURES

**SKIN CONTACT:** Wash skin with soap and water.

**EYE CONTACT:** If splashed into the eyes, flush with clear water for 15 minutes or until irritation subsides.



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Seek medical attention.

**INGESTION:** If ingested, dilute by drinking large quantities of water, and induce vomiting. Seek medical attention.

**INHALATION:** Remove patient to fresh air. Apply artificial respiration as required. If breathing is difficult or there is burning of the throat and chest get immediate medical attention.

## SECTION V: PHYSICAL DATA

<b>APPEARANCE AND ODOUR:</b>	White liquid
<b>SPECIFIC GRAVITY:</b>	1.0 g/cc
<b>BOILING POINT (°C):</b>	N/A
<b>MELTING POINT (°C):</b>	N/A
<b>SOLUBILITY IN WATER:</b>	Dispersible
<b>PERCENT VOLATILE BY VOLUME:</b>	N/A
<b>EVAPORATION RATE:</b>	N/A
<b>VAPOUR PRESSURE (mm Hg):</b>	N/A
<b>BULK DENSITY:</b>	N/A

## SECTION VI: FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT:</b>	101.1°C (closed-cup)
<b>FLAMMABLE LIMITS:</b>	N/A
<b>EXTINGUISHING MEDIA:</b>	Carbon dioxide, dry chemical, foam, and mist.
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Self-contained respirators required for fire fighting personnel.
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	None known

## SECTION VII: REACTIVITY DATA

<b>STABILITY:</b>	<b>Stable [XX]</b>	<b>Unstable [ ]</b>
<b>INCOMPATIBILITY (CONDITIONS TO AVOID):</b>	None Listed	
<b>CONDITIONS OF REACTIVITY:</b>	N/A	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	N/A	
<b>HAZARDOUS POLYMERIZATION:</b>	Will Not Occur [XX]	May Occur [ ]



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## VIII: PREVENTIVE MEASURES

### SPECIAL PROTECTION INFORMATION

<b>RESPIRATORY PROTECTION:</b>	Suggest approved organic vapour type respirator.
<b>VENTILATION:</b>	Local exhaust ventilation
<b>PROTECTIVE GLOVES:</b>	Suggest Neoprene gloves
<b>EYE PROTECTION:</b>	Suggest goggles
<b>OTHER PROTECTIVE EQUIPMENT:</b>	Ensure eye- wash station and emergency shower is available.

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid skin and eye contact. Practice reasonable caution and cleanliness. Launder exposed clothing before reuse

### STEPS TO BE TAKEN IN CASE THE MATERIAL IS SPILLED OR RELEASED

Dike area off to contain spill. Use absorbent material to soak up spill. Use appropriate safety equipment to ensure no skin or eye contact.

### WASTE DISPOSAL METHOD

Dispose of in accordance with federal, provincial and local regulations. It is the responsibility of the user to determine if contaminated material meets hazardous waste requirements.

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## SECTION IX: PREPARATION

THE INFORMATION CONTAINED HEREIN IS GIVEN IN GOOD FAITH, BUT NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE.

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