



MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

PRODUCT NAME: Defoamer A (Alcohol)
PRODUCT USE: Oil Well Fluid Additive
CHEMICAL FAMILY: Aliphatic Alcohol

WORK PLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)

WHMIS CLASSIFICATION: Controlled Product Under WHMIS
WORK PLACE HAZARD: Mildly Toxic with Skin / Eye Contact and Ingestion

TRANSPORTATION OF DANGEROUS GOODS (TDG)

SHIPPING NAME: Isopropyl alcohol
TDG CLASSIFICATION: 3
UN NUMBER (PIN): 1219
PACKING GROUP: II

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>PERCENT</u>	<u>CAS NUMBER</u>	<u>LD₍₅₀₎, Oral-Rat</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Isopropyl alcohol	98	67-63-0			
Sodium silicate	2	6834-92-0			

SECTION III: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: SKIN EYE CONTACT INHALATION INGESTION

EYE CONTACT : May cause injury to eye tissue if not removed promptly

SKIN CONTACT: Frequent or prolonged exposure may irritate skin and cause dermatitis. Low order toxicity.

INGESTION: Minimal toxicity. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary enema

INHALATION: May cause irritation to respiratory system

SECTION IV: FIRST AID MEASURES



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SKIN CONTACT: Wash skin with soap and water.

EYE CONTACT: If splashed into the eyes, flush with clear water for 30 minutes or until irritation subsides. Consult an eye physician

INGESTION: If ingested, DO NOT induce vomiting. Keep at rest. Contact Physician immediately.

INHALATION: Remove patient to fresh air. Apply artificial respiration as required

SECTION V: PHYSICAL DATA

APPEARANCE AND ODOUR: Slight red tint liquid, smells like alcohol

SPECIFIC GRAVITY: .79

BOILING POINT (°F): 180 - 181°F

MELTING POINT (°F): -128°F

SOLUBILITY IN WATER: 100.00 @ 68°F

PERCENT VOLATILE BY VOLUME: N/A

EVAPORATION RATE: 2.3

VAPOUR PRESSURE (mm Hg): N/A

BULK DENSITY: N/A

SECTION VI: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 54°F

FLAMMABLE LIMITS: Upper 12.7 77°F Lower 2.0

EXTINGUISHING MEDIA: Water spray, alcohol type foam, dry chemical

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained respirators required for fire fighting personnel.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION VII: REACTIVITY DATA

STABILITY:	Stable [XX]	Unstable []
INCOMPATIBILITY (CONDITIONS TO AVOID):	Avoid caustics, amines, alkanolamines, aldehydes, strong oxidizing agents, and chlorinated compounds.	
CONDITIONS OF REACTIVITY:	N/A	
HAZARDOUS DECOMPOSITION PRODUCTS:	None	



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HAZARDOUS POLYMERIZATION:

Will Not Occur [XX]

May Occur []

VIII: PREVENTIVE MEASURES

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Suggest NIOSH/MESA Approved respirator.

VENTILATION: As needed to control vapours.

PROTECTIVE GLOVES: Suggest rubber.

EYE PROTECTION: Suggest goggles; Safety glasses.

OTHER PROTECTIVE EQUIPMENT: Ensure eye-wash station and emergency shower is available.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Do not store near food or drink. Approved respirator and safety goggles should be worn while handling this material. Wash thoroughly after handling this material.

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

Eliminate sources of ignition. Prevent additional discharge of material; prevent material from entering sewers, watercourses, or low areas. Contain spill with sand or earth, do not use sawdust or combustible material to absorb material.

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.

SECTION IX: PREPARATION

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

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