

BFR Product

MATERIAL SAFETY DATA

1. PRODUCT IDENTIFICATION

Product Name **METHO-SIL**
SYNONYMS: Methylated Soybean Oil with Silicone Surfactant
CHEMICAL FAMILY: Fatty Ester
SHIPPING NAME: NA -Class 60 -NMFC 4610

2. HAZARDOUS INGREDIENTS

COMPONENT	CAS. NO.	%	TWA/CEILING	REFERENCE
Poly-Oxyalkalene Ether Copolymer	67762-85-0			
Maximum of 1 ppm Ethylene Oxide (EO) (75-21-8) may be present in the product. The OSHA PEL and ACGIH TLV for EO is 1 ppm.				

3. EFFECTS OF OVEREXPOSURE:

EYE: Causes eye irritation.
SKIN: Harmful if absorbed through skin.
INGESTION: Harmful if swallowed.
INHALATION: Unknown.
OTHER EFFECTS: Ethylene Oxide has been determined to be a cancer and reproductive hazard.
The trace levels of EO in this product are not expected to result in acute or long-term hazards when handled according to the precautions in this MSDS. However, they may accumulate in head space of storage and transport vessels.

4. EMERGENCY FIRST AID

EYES: Flush with water for at least 15 minutes. Get medical attention if irritations persists.
SKIN: Remove contaminated clothing and wash with soap and water. Get medical attention if irritation persists.
INGESTION: Call a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. Drink 2 glasses of water or milk.
INHALATION: Remove victim to fresh air. If victim has stopped breathing give artificial respiration.

5. REACTIVITY DATA

STABILITY: Stable.
CONDITIONS TO AVOID: Prolonged excessive heat.
POLYMERIZATION: Will not occur.
INCOMPATIBILITY: Strong acids, gases, and oxidizers.
HAZARDOUS
DECOMPOSITION PRODUCTS: CO₂, CO.

6. NFPA HAZARD RATING (National Fire Protection Association)

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

7. PHYSICAL PROPERTIES

APPEARANCE AND ODOR:	Clear pale yellow liquid, fatty odor.
BOILING POINT:	Over 200°F
MELTING POINT:	NA
VAPOR PRESSURE (mmg of Hg):	less than 1mm
SPECIFIC GRAVITY:	.915 (+/- .05)
VAPOR DENSITY (AIR=1):	NA
% VOLATILE (BY WGT.%):	NA
EVAPORATION RATE (Ether=1):	Not applicable

8. FIRE AND EXPLOSION HAZARD INFORMATION

FLASHPOINT:	>300°F.
FLAMMABLE LIMITS:	Not Available.
EXTINGUISHING MEDIA:	Foam, Dry Chemical, CO2, and Water.
FIRE FIGHTING:	Use a positive-pressure, self-contained air supply. Avoid getting water from fire-fighting into domestic or irrigation water supplies.

9. SPECIAL PRECAUTIONS

HANDLING AND STORAGE:	Do not contaminate water, food or feed by storage or disposal. Do not store near heat or open flame. Store in original container.
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10. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:	None required for normal use.
VENTILATION:	Normal room ventilation (mechanical) should be satisfactory.
PROTECTIVE GLOVES:	PVC-coated.
EYE PROTECTION:	Safety goggles.

11. SPILL OR LEAK PROCEDURES

SPILLS OR RELEASES:	Material should be collected and disposed in proper manner. Avoid discharge to natural waters. Absorb with an inert material such as sand, soil or vermiculite. Wear suitable protective equipment.
WASTE DISPOSAL:	Do not contaminate water, food or feed by storage or disposal. Dispose of in an approved waste disposal facility in accordance with all Federal, State and Local Regulations.
CONTAINER DISPOSAL:	Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration.

12. REGULATORY INFORMATION

COMPOUNDS WHICH REQUIRE REPORTING UNDER SARA TITLE III

CHEMICAL	CAS NO.	% Wt.
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No compounds present in quantities which are regulated.

The recommendation for safe handling and protection procedures is believed to be generally suitable for the standard uses of this compound. However, each user should identify his intended uses of this material and determine whether they are appropriate. All data included in this document is released as typical values and should not be utilized to determine the suitability of this material for a particular use or purpose. No warranty, either expressed or implied, is hereby made, nor do we give permission, inducement, or recommendations to practice any patented invention without a license. All data is offered for consideration, investigation and verification purposes only.

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P.O. Box 366, Five Points, CA 93624