

MATERIAL SAFETY DATA SHEET



Methoil

PRODUCT AND COMPANY IDENTIFICATION SECTION 1

Chemical Product:

Methoil

Common Name: Surfactant (Adjuvant)

Chemical Description: Mixture of methyl soyate and surfactants.

Manufactured By:

Power-Line Products

P. O. Box 475

Rupert, ID 83350

Emergency Phone Numbers:

Emergency Telephone: DAYS: (208) 531-4100

24-Hour Emergency HAZMAT Response (800) 229-5252

EPA National Response Center: (800) 424-8802

INGREDIENTS SECTION 2

CHEMICAL**CAS NO.**

POE Nonylphenol

9016-45-9

Isopropanol

67-63-0

EMERGENCY/HAZARDS OVERVIEW SECTION 3

Light yellow liquid with oil odor. Avoid contact with strong oxidizers such as hydrogen peroxide, bromine and chronic acid. Burning may result formation of carbon oxides. Not a D.O.T. regulated hazardous material.

ENVIRONMENT: 0 FLAMMABILITY: 0 HEALTH: 1 REACTIVITY: 0
(0=Insignificant 1=Slight 2=Moderate 3=High 4=Extreme)

FIRST AID SECTION 4

Eyes: Wear chemical dust/splash goggles or full-faced shield to prevent eye contact. As a general rule, do not wear eye contacts lenses when handling. If contact occurs, immediately flush eyes with water for at least 15 minutes. Get medical attention.

Skin: Wear impervious gloves and clothes. If contact occurs, was thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Call a physician if skin becomes irritated.

Ingestion: If conscious and alert, drink water or milk to dilute, and then induce vomiting. Call a physician or Poison Control Center Immediately.

Respiratory Protection: Not normally needed. If use generates an aerosol mist or respiratory irritation, use NIOSH approved dust/mist respirator (3M #8710).

Inhalation: If vapor or mist causes irritation or distress, remove to fresh air and call a physician.

Ventilation: Recommended but no TLV established.

FIRE AND EXPLOSION HAZARDS SECTION 5

Flash Point: Not available

Test Method: Not available

LEL Flammable Limits: Not Pertinent

UEL Flammable Limits: Not Pertinent

Auto Ignition Temperature: Not Pertinent

Flammability Classification: Noncombustible

Known Hazardous Products of Combustion: None

Properties that Initiate/Contribute to Intensity of Fire: None

Potential For Dust Explosion: None

Reactions that Release of Flammable Gases or Vapors: Not Known

Potential For Release of Flammable Vapors: None

Unusual Fore & Explosion Hazards: Burning may resulted in formation of carbon oxides.

Extinguishing Media: Dry chemical, CO₂ foam, water spray and fog.

Special Firefighting Procedures: Wear positive pressure, self-contained breathing apparatus and goggles. Avoid smoke inhalation. Contain any liquid runoff.

SPILLS AND LEAKS SECTION 6

Contain all spills and leaks to prevent discharge into the environment. If spilled, use appropriate absorbent material to absorb the spilled material and flush spilled are with water. Consult local waste regulators for proper disposal.

STORAGE AND HANDLING SECTION 7

Storage: Store in plastic or stainless steel container in a cool, well-ventilated dry place at temperatures above 40°F. Do not store in contact with brass. Do not store near food or feed. Do not stack pallets more than two (2) high.

Transfer Equipment: Transfer product using chemical-resistant plastic or stainless steel tanks, pumps, valves, etc.

Work/Hygienic Practices: May be harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin and clothing, Avoid breathing spray mist. Remove contaminated clothing and wash thoroughly before reuse. Do not contaminate feed and food.

PHYSICAL AND CHEMICAL DATA SECTION 8

Appearance: Light yellow liquid

Odor: Oil odor

pH: Not Available

Specific Gravity:

Vapor Pressure: Not Available

Vapor Density: Not Available

Boiling Point: Not Available

Freezing Point: Not Available

Water Solubility: Emulsifiable

Density: 7.34 lbs/gal

Evaporation Rate: Not Available

Viscosity: 9 cPoise

% Volatile: None

Octanol/Water Partition Coefficient: Not Available

Saturated Vapor Concentration: Not Available

STABILITY AND REACTIVITY SECTION 9

Stability: Stable

Conditions To Avoid: Avoid contact with strong acids, bases or oxidizers.

Incompatibility: Not Available

Hazardous Decomposition Products: Burning may generate carbon monoxide, phenols, and possibly other toxic fumes.

Hazardous Polymerization: Will not occur.

POTENTIAL HEALTH EFFECTS SECTION 10

Acute Effect

Eyes: Irritant. May cause redness and/or burning.

Skin: Mild irritant, especially from prolonged exposure. May cause redness.

Ingestion: Harmful if swallowed. May cause stomach cramps and/or nausea.

Inhalation: None expected but inhalation of aerosol mist may cause mild irritation of nasal mucous membranes.

Sub Chronic Effects: None Known

Chronic Effects: None Known

REGULATORY INFORMATION SECTION 11

CERCLA: None

SARA Title III: None

Proposition: None

D.O.T. Shipping Description: Not D.O.T. Regulated.

Other Shipping Information: Adhesives, Adjuvant, Spreaders or Stickers, Liquid.
NMFC Item 4612, LTL Class 60.

OTHER SECTION 12

All information appearing in this document was based on data provided by third party sources and was compiled to comply with the Federal Hazard Communication Standard and the California Hazardous Substances Information and Training Act. The information is believed to be accurate as of the preparation date, but is not warranted as being the final authority in the use of this product. This information does not purport to be legal or medical advice