



Section 1. Product and Company Identification

Product Name Methyl Soyate
CAS Number 67784-80-9

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Section 2. Hazards Identification

Classification of the substance or mixture
Not classified as a hazardous substance or mixture

Hazard and precautionary statements
None

Hazards not otherwise classified: Combustible materials impregnated with product can spontaneously ignite.

Physical state: Liquid.

Appearance: Pale yellow liquid.

Emergency overview: CAUTION! Prolonged or repeated skin contact may cause drying, cracking, or irritation. Rags, steel wool, or waste contaminated with this product may spontaneously catch fire if improperly discarded.

OSHA regulatory status: This product is not hazardous according to OSHA 29CFR 1910.1200.

Potential health effects

Routes of exposure: Not applicable.

Eyes: Direct contact with eyes may cause temporary irritation.

Skin: Prolonged or repeated contact may cause itching, redness, and rash in some individuals.

Inhalation: Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Ingestion: No harmful effects expected in amounts likely to be ingested by accident.

Potential environmental effects: Not expected to be harmful to aquatic organisms.

Section 3. Composition / Information on Ingredients

Common Name Methyl Soyate
CAS Number 67784-80-9



COMPONENT	CAS NUMBER	CONCENTRATION
Methyl Soyate	67784-80-9	> 99%

Section 4. First Aid Measures

Description of first-aid measures

Inhalation: Get medical advice if you feel unwell. If inhaled, remove to fresh air.

Skin contact: Wash with plenty of water/soap and rinse thoroughly. Get medical advice if skin irritation occurs or you feel unwell.

Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

Ingestion: Rinse mouth and do not induce vomiting. Get medical advice if you feel unwell or concerned.

Most important symptoms and effects, both acute and delayed

Acute symptoms: No information available.

Delayed symptoms: No information available.

Immediate medical attention and special treatment: No information available.

Section 5. Firefighting Measures

Extinguishing media

Suitable extinguishing media: Use Water (fog only), dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

Unsuitable extinguishing media: Do not use water as an extinguisher.

Specific hazards during firefighting: Thermal decomposition can lead to release of irritating gases and vapors. Vapors may form explosive mixtures with air. Containers may rupture.

Special protective equipment for firefighters: Use typical firefighting equipment, self-contained breathing apparatus, special tightly sealed suit.

Additional information: Shut off sources of ignition. Heating causes a rise in pressure, risk of bursting and combustion. Carbon monoxide and carbon dioxide may form upon combustion. Water may be used to cool and protect containers. Fight fire from a safe distance, and keep upwind.

Section 6. Accidental Release Measures

Personal precautions, protective equipment, and emergency procedures: Wear recommended personal protective equipment. Ensure adequate ventilation. Ensure air handling systems are operational. Beware of vapors accumulating to form explosive concentrations. Vapors may form explosive mixtures with air. Evacuate area. Remove sources of ignition, if safe to do so.

Environmental precautions: Should not be released into the environment. Prevent from reaching drains, sewer or waterway.

Methods and material for containment and cleaning up: Wear protective eye wear,



gloves and clothing. Absorb with non-combustible liquid-binding material (sand, diatomaceous earth (clay), acid binders, universal binders). Used rags or other cleaning materials should be soaked with water and placed in a sealed container to prevent spontaneous combustion. Dispose of contents / container in accordance with local regulations. Do not flush to sewers.

Reference to other sections: Sections 8 and 13.

Section 7. Handling and Storage

Precautions for safe handling: Use appropriate personal protective equipment (see Section 8). Used rags or other cleaning materials should be soaked with water and placed in a sealed container to prevent spontaneous combustion. Wash thoroughly after handling. Keep away from heat, sparks, flame and other sources of ignition. Use only with adequate ventilation. Avoid breathing mist or vapor. Do not eat, drink, smoke or use personal products when handling chemical substances.

Conditions for safe storage, including any incompatibilities: Store in a cool, well-ventilated area. Protect from freezing and physical damage. Keep container tightly sealed. Used rags or other cleaning materials should be soaked with water and placed in a sealed container to prevent spontaneous combustion.

Section 8. Exposure Controls / Personal Protection

Components with workplace control parameters

Appropriate engineering controls: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling. Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapor and mists below the applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Respiratory protection: Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, use a NIOSH-approved respirator.

Eye protection: Safety goggles or glasses, or appropriate eye protection.

Skin and body protection: Select glove material impermeable and resistant to the substance.

General hygienic measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and at the end of work. Wash contaminated clothing before reuse.

Section 9. Physical and Chemical Properties

Appearance: Pale yellow liquid

Odor: Mild

Odor Threshold: Not applicable

pH Value: Not determined or not available

Melting Freezing Point: Not determined or not available

Boiling Point/Range: > 200°C (392°F)

Flash Point (Closed Cup): 130°C (266°F)

Evaporation Rate: < 1 (Compared to butyl acetate)



Flammability (Solid, Gaseous): Not applicable
Density (20°C): 0.8815
Explosion - Upper Limit: Not determined or not available
Explosion - Lower Limit: Not determined or not available
Vapor Pressure (20°C): 2 mmHg
Vapor Density: > 1
Relative Density: Not determined or not available
Solubility: Not determined or not available
Partition Coefficient (n-Octanol/Water): Not determined or not available
Auto/Self-ignition Temperature: Not determined or not available
Decomposition Temperature: Not determined or not available
Dynamic Viscosity: Not determined or not available
Kinematic Viscosity: Not determined or not available

Section 10. Stability and Reactivity

Reactivity: Does not react under normal conditions of use and storage.
Chemical stability: Stable under normal conditions of use and storage.
Possibility of hazardous reactions: None under normal conditions of use and storage.
Conditions to avoid: None known.
Incompatible materials: Strong oxidizing agents. Strong alkali.
Hazardous decomposition products: Carbon monoxide and carbon dioxide

Section 11. Toxicological Information

Exposure routes: No information available.
Acute toxicity: No information available.
Skin corrosion/irritation: No information available.
Serious eye damage/irritation: No information available.
Respiratory or skin sensitization: No information available.

Carcinogenicity

IARC (International Agency for Research on Cancer): None of the ingredients are listed.
NTP (National Toxicology Program): None of the ingredients are listed.
Germ cell mutagenicity: No information available.
Reproductive toxicity: No information available.
STOT-single and repeated exposure: No information available.
Aspiration toxicity: No information available.

Additional toxicological information: No information available.

Section 12. Ecological Information

Ecotoxicity: No information available.



Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility in soil: No information available.

Other adverse effects: No information available.

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

Land transport

DOT (49 CFR) transport

UN Number: Not Regulated

UN Proper shipping name: Not Regulated

UN Transport hazard classes: N/A

Packing group: Not Regulated

Danger label: N/A

Environmental hazards: No

Special precautions for user: None

Air transport

IATA-DGR

UN Number: Not Regulated

UN Proper shipping name: Not Regulated

UN Transport hazard classes: N/A

Packing group: Not Regulated

Danger label: N/A

Environmental hazards: No

Special precautions for user: None

Sea transport

IMDG

UN Number: Not Regulated

UN Proper shipping name: Not Regulated

UN Transport hazard classes: N/A

Packing group: Not Regulated

Danger label: N/A

EMS code: None

Environmental hazards: No

Special precautions for user: None

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not



applicable

Section 15. Regulatory Information

North American

SARA Section 311/312 (Specific toxic chemical listings): Not classified.

SARA Section 302 (Extremely hazardous substances): None of the ingredients are listed.

SARA Section 313 (Specific toxic chemical listings): None of the ingredients are listed.

TSCA (Toxic Substances Control Act): All Ingredients are listed.

TSCA Rules and Orders: Not applicable.

Proposition 65 (California):

Chemicals known to cause cancer: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.

Chemicals known to cause developmental toxicity: 67-56-1 Methanol present at <0.02%.

Canada

DSL (Canadian Domestic Substances List): All ingredients are listed.

HMIS Rating

Health: 0

Flammability: 1

Reactivity: 0

NFPA Rating

Health: 0

Flammability: 1

Reactivity: 0

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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