

# Safety Data Sheet

according to OSHA Hazard Communication  
29 CFR Part 1910.1200



## SECTION 1. Identification

**Product Code** 10010

**Product Name:** DYNACHEM MSO-40

**Supplied by:** Lozier Oil Company  
1 Sunny St.  
Farmington, IL 61531  
(309) 245-4846

**24 hr. Emergency:**  
**CHEMTREC: 1-800-424-9300**  
**International: +1-703-527-3887**

NOTE: CHEMTREC emergency numbers to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals

## SECTION 2. Hazard(s) Identification

**\*\*\* EMERGENCY OVERVIEW \*\*\*:** May be fatal if swallowed and enters airway.

**GHS Classification**  
Asp. Tox. 1

**Symbol(s) of Product**



**Signal Word**  
Danger

### GHS HAZARD STATEMENTS

Aspiration Hazard, category 1 H304 May be fatal if swallowed and enters airways.

### GHS PRECAUTIONARY STATEMENTS

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/physician  
P331 Do NOT induce vomiting.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## SECTION 3. Composition/Information on Ingredients

Chemical Name	CAS-No.	Wt. %	GHS Symbols	GHS Statements
Straight run middle distillate	64742-46-7	75-100	GHS08	H304

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

## SECTION 4. First-Aid Measures



**FIRST AID - EYE CONTACT:** Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly. Remove contact lenses if worn.

**FIRST AID - SKIN CONTACT:** Immediately wash with soap and water. Get medical attention promptly if irritation develops or persists. Remove contaminated shoes and clothes and clean before reuse.

**FIRST AID - INHALATION:** Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**FIRST AID - INGESTION:** Small amounts which accidentally enter mouth should be rinsed out until taste of it is gone. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician. To prevent aspiration, keep head below knees. Maintain an open airway. Loosen tight clothing such as collar, tie, belt or waistband.

## SECTION 5. Fire-Fighting Measures

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning.

**SPECIAL FIREFIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Do not use water jet (frothing possible). Water spray to cool containers or protect personnel. Use with caution. Use caution when applying carbon dioxide in confined spaces. Water runoff can cause environmental damage. Dike and collect water used to fight fire.

**EXTINGUISHING MEDIA:** Carbon Dioxide, Dry Chemical, Foam, Water Fog

## SECTION 6. Accidental Release Measures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.) Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Collect spilled materials for disposal. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

## SECTION 7. Handling and Storage



**HANDLING:** Use only in a well ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. Follow all MSDS/label precautions even after containers are emptied because they may retain product residues.

**STORAGE:** Keep away from heat, sparks, and flame. Containers can build up pressure if exposed to heat (fire). Store containers in a cool, well ventilated place. Keep container closed when not in use. Protect from direct sunlight.

## SECTION 8. Exposure Controls/Personal Protection

### Ingredients with Occupational Exposure Limits

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Straight run middle distillate	5 mg/m <sup>3</sup>	N.D.	5 mg/m <sup>3</sup>	N.D.

### Personal Protection



**RESPIRATORY PROTECTION:** A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits.



**SKIN PROTECTION:** Wear impervious gloves to prevent contact with the skin. Wear protective gear as needed - apron, suit, boots.



**EYE PROTECTION:** Wear safety glasses with side shields (or goggles) and a face shield



**OTHER PROTECTIVE EQUIPMENT:** Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.



**HYGIENIC PRACTICES:** Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before

## SECTION 9. Physical and Chemical Properties

<b>Appearance:</b>	Colorless to light yellow	<b>Physical State:</b>	Liquid
<b>Odor:</b>	Typical	<b>Odor Threshold:</b>	N.D.
<b>Density, g/cm<sup>3</sup>:</b>	0.842	<b>pH:</b>	N.D.
<b>Freeze Point, °F:</b>	N.D.	<b>Viscosity:</b>	N.D.
<b>Solubility in Water:</b>	Insoluble	<b>Explosive Limits, vol%:</b>	0.7 - 5.0
<b>Boiling Range, °F:</b>	500 - 589	<b>Flash Point, °F:</b>	N.D.
<b>Vapor Density:</b>	6 (air = 1)	<b>Auto-ignition Temp, °F:</b>	N.D.
<b>Vapor Pressure:</b>	<0.1 mm Hg at 68°F		

(See "Other Information" Section for abbreviation legend)

## SECTION 10. Stability and Reactivity

**STABILITY:** No Information

**CONDITIONS TO AVOID:** Avoid excess heat and sources of ignition.

**INCOMPATIBILITY:** Prevent contact with strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Toxic gases/fumes are given off during burning or thermal decomposition. During combustion carbon monoxide may be formed. Decomposition causes sulfur oxides to be released.

**HAZARDOUS POLYMERIZATION:** No Information

## SECTION 11. Toxicological Information



Information on Toxicological Effects

**Primary Route(s) of Entry: Eye Contact, Ingestion, Inhalation, Skin Contact****EFFECTS OF OVEREXPOSURE - INHALATION:** No significant health hazard identified.**EFFECTS OF OVEREXPOSURE - SKIN CONTACT:** Causes defatting of the skin. May cause skin dryness and irritation.**EFFECTS OF OVEREXPOSURE - EYE CONTACT:** No significant health hazard identified.**EFFECTS OF OVEREXPOSURE - INGESTION:** May be fatal if swallowed and enters airway. May cause nausea and vomiting.**EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS:** No Information**Carcinogenicity**

<u>CAS-No.</u>	<u>Name</u>	<u>IARC</u>	<u>NTP</u>
64742-46-7	Straight run middle distillate	3- Not classifiable as to its carcinogenicity to humans.	Not Listed

**Acute Toxicity Values**

The acute effects of this product have not been tested. Data on individual components are tabulated below:

<u>CAS-No.</u>	<u>Name</u>	<u>Oral LD50, mg/kg</u>	<u>Dermal LD50, mg/kg</u>	<u>Vapor LC50, mg/L</u>
64742-46-7	Straight run middle distillate	>5000	>2000	>20

**SECTION 12. Ecological Information**

ECOLOGICAL INFORMATION: No Information

**SECTION 13. Disposal Considerations**

For more guidance and information contact our Waste Services Division at (262) 658-4000.

Always dispose of any waste in accordance with all local, state, and federal regulations.

DISPOSAL METHOD: No Information

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.) Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Collect spilled materials for disposal. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

**SECTION 14. Transport Information**

<b>DOT Proper Shipping Name:</b>	Not Regulated	<b>Packing Group:</b>	None
<b>DOT Hazard Class:</b>	No Information	<b>Hazard SubClass:</b>	No Information
<b>DOT UN/NA Number:</b>	No Information	<b>Resp. Guide Page:</b>	No Information

**SECTION 15. Regulatory Information**

U.S. Federal Regulations:

**CERCLA - SARA Hazard Category**

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

Acute Health Hazard, Chronic Health Hazard

**SARA SECTION 313:**

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

<u>Chemical Name</u>	<u>CAS-No.</u>
Naphthalene	91-20-3

**TOXIC SUBSTANCES CONTROL ACT:**

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

<u>Chemical Name</u>	<u>CAS-No.</u>
Naphthalene	91-20-3

**NEW JERSEY RIGHT-TO-KNOW:**

The following materials are non-hazardous, but are among the top five components in this product.

No NJ Right-To-Know components exist in this product.

**PENNSYLVANIA RIGHT-TO-KNOW**

The following non-hazardous ingredients are present in the product at greater than 3%.

No PA Right-To-Know components exist in this product.

**CALIFORNIA PROPOSITION 65 CARCINOGENS**

Warning: The following ingredients present in the product are known to the state of California to cause Cancer.

<u>Chemical Name</u>	<u>CAS-No.</u>
Naphthalene	91-20-3

**CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS**

Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards.

No Proposition 65 Reproductive Toxins exist in this product.

**International Regulations: As follows -****CANADIAN WHMIS:**

This SDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**WHMIS Class:** No Information

**SECTION 16. Other Information**

**Revision Date:** 10/13/2021 **Supersedes Date:** 2/13/2018

**Datasheet produced by:** EH&S - Regulatory Department

**HMIS Ratings:**

<b>Health:</b>	<b>1</b>	<b>Flammability:</b>	<b>1</b>	<b>Reactivity:</b>	<b>0</b>	<b>Personal Protection:</b>	<b>X</b>
<b>Volatile Organic Compounds, gr/ltr:</b>				<b>840</b>			

DISCLAIMER: THE VOLATILE ORGANIC COMPOUND (VOC) CONTENT REPORTED HEREIN, IF ANY, IS BASED ON A MATERIAL VOC CALCULATION. NOTE THAT SEVERAL METHODS ARE USED FOR CALCULATING VOC CONTENT AND THAT STANDARDS/ REQUIREMENTS REGARDING VOC CONTENT VARY BY LOCATION/JURISDICTION. ACCORDINGLY, CGF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, REGARDING THIS MATERIAL'S COMPLIANCE WITH VOC STANDARDS/REQUIREMENTS APPLICABLE IN LOCATIONS/JURISDICTIONS WHERE THIS MATERIAL MAY BE SOLD OR USED.

**Text for GHS Hazard Statements shown in Section 3 describing each ingredient:**

H304                      May be fatal if swallowed and enters airways.

**Icons for GHS Pictograms shown in Section 3 describing each ingredient:**

GHS08



Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

The information on this SDS was obtained from sources which we believe to be reliable. However, the information provided is without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information and recommendations are offered for the user's consideration and examination and should be used to make an independent determination of the methods to safeguard workers and the environment. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For these reasons we do not assume responsibility and expressly disclaim any liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS may not be applicable. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.