



# MOF VAN OIL SDS

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product Name on Label: MOOREFLO VANISHING OIL

Other Identification: VANISHING OIL W

Use of the substance/mixture:

Company name : MOORE OIL COMPANY  
4033 WEST CUSTER AVE  
MILWAUKEE, WI 53209 (414) 462-3200

Emergency number: (800) 424-9300 - CHEMTREC

## SECTION 2: Hazards identification

Classification of the substance or mixture:



Label elements:

Other hazards:

Physical hazards – Flammable liquids	Category 3
Health hazards – Specific target organ toxicity, single exposure Aspiration Hazard	Category 3 narcotic effects Category 1
Environmental hazards – Hazardous to aquatic environment	Category 2 (acute) Category 2 (long term)

OSHA defined hazards – not classified

Signal Word: DANGER

Hazard Statement: May be corrosive to metals. May be fatal if swallowed and enters airways. Causes serious eye damage. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting effects.

### Precautionary statement

<b>Prevention</b>	Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing mist or vapor. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/eye protection/face protection.
<b>Response</b>	If swallowed: Immediately call a poison center/doctor. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. Do NOT induce vomiting. In case of fire: Use appropriate media to extinguish. Collect spillage.
<b>Storage</b>	Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.
<b>Disposal</b>	Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards Otherwise Not Classified – Combustible

Supplemental information – none.

Wear protective gloves/protective clothing/eye protection/face protection IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed or you feel unwell: Call a doctor/physician.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

HAZARD IDENTIFICATION SYSTEM

Health - 1      Flammability - 2      Reactivity - 0



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Unknown acute toxicity (GHS-US):

## SECTION 3: Composition/information on ingredients

Mixture

NAME	PRODUCT IDENTIFIER	% BY WT
Distillates (petroleum), hydrotreated light	64742-47-8	90-99
Dinonylphenol, phosphate	39464-64-7	0-1
Chlorinated Alkanes Chain Length 14-17	61788-76-9	0-10

## SECTION 4: First aid measures

Description of first aid measures

First-aid measures after inhalation	Vapor pressure is very low. Vapor inhalation under ambient conditions is normally not a problem. If overcome by vapor from hot product, immediately remove from exposure and call a physician. If breathing is irregular or has stopped, start resuscitation; administer oxygen, if available. If over exposed to oil mist, remove from further exposure until excessive oil mist condition subsides.
First-aid measures after skin contact	In case of skin contact, remove any contaminated clothing and wash skin thoroughly with plenty of soap and flowing water for at least 15 minutes.
First-aid measures after eye contact	If splashed into the eyes, flush with clear water for at least 15 minutes lifting upper and lower lids until any discomfort subsides. Remove contact lenses if applicable. If irritation develops, contact a physician.
First-aid measures after ingestion	If ingested, DO NOT INDUCE VOMITING. Call a physician immediately.

## SECTION 5: Fire-fighting measures

EXTINGUISHING MEDIA AND FIRE FIGHTING PROCEDURES: Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire or circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.

The following procedures for this type of product are based on the recommendations in the National Fire Protection Association's "Fire Protection Guide on Hazardous Materials", Eighth Edition (1984): Use water spray, dry chemical, foam or carbon dioxide. Use water to keep fire-exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for persons attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing gases, vapor, fumes or decomposition products. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.



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DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS: Fume, smoke, carbon monoxide, aldehydes and other decomposition products, in the case of incomplete combustion.

## SECTION 6: Accidental release measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Recover free product. Add sand, earth or other suitable absorbent to spill area. Minimize skin contact. Keep product out of sewers and watercourses by diking or impounding. Advise authorities if product has entered or may enter sewers, watercourses, or extensive land areas.

Assure conformity with applicable local, state and federal regulations.

## SECTION 7: Handling and storage

Precautions for safe handling: Use product with caution around heat, sparks, pilot lights, static electricity, and open flames.

Conditions for safe storage, including any incompatibilities: Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite. Use local exhaust to capture vapor, mists or fumes. If necessary, provide ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. Use explosion-proof equipment. No smoking or open lights. Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

## SECTION 8: Exposure controls/personal protection

VENTILATION: Use local exhaust to capture vapor, mists or fumes. If necessary, provide ventilation sufficient to prevent exceeding recommended exposure limit or buildup of explosive concentrations of vapor in air. Use explosion-proof equipment. No smoking or open lights.

RESPIRATORY PROTECTION: Use supplied-air respiratory protection in confined or enclosed spaces if needed.

EYE PROTECTION: Use splash goggles or face shield when eye contact may occur.

OTHER PROTECTIVE EQUIPMENT: Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

PERSONAL HYGIENE: Minimize breathing vapor, mist or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry-clean before reuse. Remove contaminated shoes and thoroughly clean before reuse; discard if oil-soaked. Cleanse skin thoroughly after contact, before breaks and meals, and at end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

## SECTION 9: Physical and chemical properties

The following data are approximate or typical values and should not be used for precise design purposes.

BOILING POINT	316 deg. F (IBP approx. by ASTM D 2887)
SPECIFIC GRAVITY	0.77 (15.6 C. / 15.6 C.)
VAPOR PRESSURE	2.0 mmHg (mmHg @ 20 deg. C.)
VAPOR DENSITY	> than 1 (Air = 1)
PERCENT VOLATILE BY VOLUME	95% (from open container 4 hrs. @ 38 deg. C. (100 deg. F.))



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SOLUBILITY IN WATER negligible (@ 1 ATM @ 25 deg. C. 77 deg. F.)  
 APPEARANCE clear liquid  
 ODOR petroleum distillate odor  
 FLAMMABLE OR EXPLOSIVE LIMITS (APPROX. PERCENT BY VOLUME IN AIR):  
 Estimated values: Lower Flammable Limit (LEL) - 1.0% Upper Flammable Limit (UEL) - N.D.  
 FLASH POINT (minimum) 105 deg. F. METHOD USED: TCC (Tag Closed Cup)

## SECTION 10: Stability and reactivity

This product is stable and will not react violently with water.  
 Hazardous polymerization will not occur.  
 Avoid contact with strong oxidants such as liquid chlorine, concentrated oxygen, sodium hypochlorite or calcium hypochlorite.

## SECTION 11: Toxicological information

VARIABILITY AMONG INDIVIDUALS: Health studies have shown that many petroleum hydrocarbons and synthetic lubricants pose potential human health risks which may vary from person to person. As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

EFFECTS OF OVEREXPOSURE: (Signs and symptoms of exposure): Prolonged or repeated skin contact may cause skin irritation.

NATURE OF HAZARD AND TOXICITY INFORMATION: Prolonged or repeated skin contact with this product tends to remove skin oils possible leading to irritation and dermatitis; however, based on human experience and available toxicological data, this product is judged to be neither a "corrosive" nor an "irritant" by OSHA criteria.

Product contacting the eyes may cause irritation.

Product has a low order of acute oral and dermal toxicity, but minute amounts aspirated into the lungs during ingestion may cause mild to severe pulmonary injury and possible death. This product is judged to have an acute oral LD50 (rat) greater than 5g/kg of body weight, and an acute dermal LD50 (rabbit) greater than 3.16 g/kg of body weight.

## SECTION 12: Ecological information

Ecotoxicity Toxic to aquatic life with long lasting effects.			
Product		Species	Test Results
Distillates (petroleum), hydrotreated light (CAS 64742-47-8)			
<b>Aquatic</b>			
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	2.9 mg/l, 96 hours

\* Estimates for product may be based on additional component data not shown.

<b>Persistence and degradability</b>	No data is available on the degradability of this product.
<b>Bioaccumulative potential</b>	No data available.
<b>Mobility in soil</b>	No data available.
<b>Other adverse effects</b>	No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13: Disposal considerations



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**EMPTY CONTAINERS WARNING:** Empty containers retain 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 OR OTHER SOURCES OF IGNITION: THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to clean, since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with local, state and federal regulations.

## SECTION 14: Transport information

Proper Shipping Name: Petroleum Distillates N.O.S. (Naptha) Combustible Liquid  
UN 1268  
Hazard Class 3  
Packing Group(s) III  
Emergency Response Guide Number 128

## SECTION 15: Regulatory information

**TSCA** All of components of this product are listed on the Toxic Substance Control Act (TSCA) inventory.

**SARA 302/304** The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302,304,311 and 312). No chemical components present in this product exceed the de minimus reporting level established under this statute.

**SARA 311/312** The Superfund Amendments and Reauthorization Act of 1989 (SARA) Title III requires facilities subject to this subpart to submit aggregate information on chemicals by Hazard Category as defined in 40 CFR 370.2. This product would be classified under the following health categories: Delayed (Chronic) Health Hazard

**SARA 313** The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of an annual Toxic Chemicals Release Inventory report under 40 CFR 372. Chemical substances that must be accounted for under SARA Section 313 must also be identified in all product SDS that are impacted by the regulation. No chemical components present in this product exceed the de minimus reporting level established under this statute.

**CERCLA** The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center concerning release of quantities of Hazardous Substances equal to or greater than the Reportable Quantities (RQs) listed in 40 CFR 302.4 No chemical components present in this product are subject to the reporting requirements under this statute.

**California Proposition 65** Per the California Safe Drinking Water and Toxics Enforcement Act of 1986, this product DOES NOT contain any of the ingredients for which the State of California has found to cause cancer, birth defects, or other reproductive harm, which requires a warning under the statute.

**Additional Regulatory Remarks** No additional comments.

## SECTION 16: Other information

The information in this Safety Sheet was obtained from sources which we believe are reliable. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED,



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