

# MSDS

Material Safety Data Sheet 4058  
Conforms to ANSI Z-400.1-1993

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## 1 Chemical Product and Company Identification

**Product:** Lemon Oil

**Classification:** Specialty

E30

## 2 Composition/Information on Hazardous Ingredients

Material	CAS#	%	OSHA(PEL)	TLV(ppm)	Other
Petroleum Hydrocarbon	64742-46-7	<95	5mg/m <sup>3</sup>	N/A	N/A

## 3 Hazards Identification

**Emergency Overview:** Combustible. Contains Petroleum Distillates. May cause skin and eye irritation. Avoid skin and eye contact.

**WARNING**

**Contact with Eyes:** May cause moderate irritation, redness, tearing and possible burns, depending on length of contact.

**Contact with Skin:** Prolonged or repeated contact may cause irritation and drying of skin.

**Skin Absorption:** No data.

**Ingestion Symptoms:** Irritation, nausea, vomiting and diarrhea.

**Inhalation Symptoms:** Excessive exposure to mists/vapors may irritate respiratory tract and result in headache and nausea.

**Chronic Effects:** No data.

It is important to determine whether exposure is to concentrated or dilute product. The information in this document is intended to deal with exposure to concentrated product. Generally, exposure to diluted product will result in substantially less risk of injury than described herein.

## 4 First Aid Measures

**Eyes:** If eyes are contacted, flush with water for 15 minutes. If irritation persists seek medical attention.

**Skin:** If skin is contacted, wash affected area with soap and water. If irritation persists, seek medical attention.

**Inhalation:** If discomfort is experienced after prolonged exposure to mists/vapors, remove to fresh air. If breathing is difficult, give oxygen and seek medical attention.

**Ingestion:** If ingested, do NOT induce vomiting. Give moderate amounts of water to wash out mouth area and dilute remaining residue. Seek medical attention.

## 5 Fire Fighting Measures

**Flash Point(F° TCC):** >200°F

**Flammable Limits:** LEL No Data

**UEL** No Data

**Auto Ignition Temperature:** No Data

**Extinguishing Media:** Water Spray, Foam, Carbon Dioxide, Dry Chemical

### Special Fire Fighting Procedures:

Firefighters should wear a positive pressure NIOSH approved self-contained breathing apparatus.

### Unusual Fire and Explosion Hazards:

Containers exposed to heat from fires should be cooled with water fog to prevent container rupture.

## 6 Accidental Release Measures

### Large Spills (55 gallons or more):

Eliminate all ignition sources and evacuate non-essential personnel. Wear protective clothing and rubber boots. Shut off source of leak if safe to do so. Dike and contain. Pump, vacuum or scoop into salvage drum or container for disposal.

### Small Spills:

Mop up spill and rinse area.

## 7 Handling and Storage

**Handling:** Keep out of reach of children. Follow appropriate hygiene practices.

**Storage:** Store in a cool, dry place.

## 8 Exposure Controls/Personal Protection

### Ventilation and Engineering Controls:

None

### Respiratory Protection:

If used according to directions respirator not required.

### Protective Gloves:

Rubber Gloves

### Eye Protection:

Chemical Splash Goggles

### Other Protective Equipment:

Combustible. Avoid extreme heat, sparks and open flame.

## 9 Physical and Chemical Properties

<b>Boiling Point(F°)</b> >400°F	<b>Solubility in Water</b> Miscible	<b>Odor:</b> Lemon
<b>Specific Gravity:</b> 0.80	<b>Volatiles(% by Wt.)</b> 100	<b>pH:</b> N/A
<b>Appearance:</b> Yellow	<b>Vapor Density:</b> >1	<b>VOC:</b> < 100 g/L
<b>Evaporation Rate:</b> <1	<b>Vapor Pressure:</b> <17 mm Hg	<b>Freezing Point(F°)</b> ≥32°F

> means less than      < means greater than

These physical data are typical values based on material tested but may vary from sample to sample.  
Typical values should not be construed as a guaranteed analysis of any specific lot or as specific items.

## 10 Stability and Reactivity

**Stability:** Stable      **Conditions to Avoid:** Open Flame

**Materials to Avoid:** Strong Oxidizers

### Hazardous Decomposition Products:

Carbon oxides

### Hazardous Polymerization:

Will Not Occur

## 11 Toxicological Information

No Toxicology Information is available.

## 12 Ecological Information

No data available.

## 13 Disposal Considerations

### Waste Disposal Method:

Dispose of waste in accordance with federal, state and local regulations

## 14 Transport Information

**HAZMAT:** Yes      **Hazard Code:** 1782      **ID Number:** UN1993      **Hazard Class:** 3

**Hazardous Division:** Combustible liquid, n.o.s.

**Packaging Group:** III

**Hazardous Contents:** Petroleum Distillates

## 15 Regulatory Information

**Proposition 65:** Not Listed.

**EPA:** No

## 16 Other Information

**HMIS/NFPA Hazard Rating:** Health       Flammability       Reactivity

The information contained herein is based on the data available to us. It is believed to be correct. No warranty, expressed or implied, is made regarding the accuracy of this data or the results to be obtained from the use thereof. For further information consult distributor, Brady Industries, HQ

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