



LUBRICANTS.  
TECHNOLOGY.  
PEOPLE.

# SAFETY DATA SHEET

## 1. Identification

**Product name** MATERIAL OM 855  
**Other means of identification** No data available.  
**Recommended use:** Odorant  
**Restrictions on use:** Industrial use only

### Manufacturer/Importer/Supplier/Distributor Information

#### Manufacturer

Company Name: Fuchs Lubricants Co.  
Address: 17050 Lathrop Avenue  
Harvey, Illinois 60426  
Telephone: 708-333-8900  
Fax: 708-333-9180

Contact Person: EHS Department  
E-mail: sds@fuchs.com

**Emergency telephone number:** 708-333-8900 (Bus. hrs) 800-255-3924 (24 hrs)

## 2. Hazard(s) identification

### Hazard Classification

#### Physical Hazards

Flammable liquids Category 3

#### Health Hazards

Acute toxicity (Oral) Category 4  
Skin Corrosion/Irritation Category 2  
Serious Eye Damage/Eye Irritation Category 2A  
Skin sensitizer Category 1

### Label Elements

#### Hazard Symbol:



**Signal Word:** Warning



LUBRICANTS.  
TECHNOLOGY.  
PEOPLE.

# SAFETY DATA SHEET

**Hazard Statement:** Flammable liquid and vapor.  
Harmful if swallowed.  
Causes skin irritation.  
Causes serious eye irritation.  
May cause an allergic skin reaction.

## Precautionary Statement

**Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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. Wear protective gloves/protective clothing/eye protection/face protection. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing dust/fume/gas/mist/vapors/spray. Contaminated work clothing must not be allowed out of the workplace.

**Response:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. IF SWALLOWED: Call a POISON CENTER/doctor/ if you feel unwell. Rinse mouth. Specific treatment (see the specific response guidance provided herein). Wash contaminated clothing before reuse. In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish.

**Storage:** Store in well-ventilated place. Keep cool.

**Disposal:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Other hazards which do not result in GHS classification:** None.

### Unknown toxicity - Health

Acute toxicity, oral	15 %
Acute toxicity, dermal	15 %
Acute toxicity, inhalation, vapor	100 %
Acute toxicity, inhalation, dust or mist	100 %

## 3. Composition/information on ingredients



LUBRICANTS.  
TECHNOLOGY.  
PEOPLE.

# SAFETY DATA SHEET

## Hazardous Component(s):

Chemical name	CAS-No.	Concentration
3-Cyclohexene-1-methanol, #,#,4-trimethyl-	98-55-5	15 - 40%
Benzoic acid, 2-hydroxy-, methyl ester	119-36-8	15 - 40%
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (4R)-	5989-27-5	15 - 40%
2-Propenal, 3-phenyl-	104-55-2	10 - 30%
Acetic acid, pentyl ester	628-63-7	10 - 30%
1,6-Octadien-3-ol, 3,7-dimethyl-	78-70-6	5 - 10%
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	80-56-8	5 - 10%

Specific chemical identities and/or exact percentages have been withheld as trade secrets.

## 4. First-aid measures

<b>Ingestion:</b>	Call a Poison Center or doctor if you feel unwell. Rinse mouth.
<b>Inhalation:</b>	Move to fresh air. Call a Poison Center or doctor if you feel unwell.
<b>Skin Contact:</b>	Take off immediately all contaminated clothing. Get medical attention. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. Wash contact areas with soap and water.
<b>Eye contact:</b>	Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

### Most important symptoms/effects, acute and delayed

**Symptoms:** No data available.

### Indication of immediate medical attention and special treatment needed

**Treatment:** Symptoms may be delayed.

## 5. Fire-fighting measures

**General Fire Hazards:** Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Water spray, fog, CO<sub>2</sub>, dry chemical, or regular foam. Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Avoid water in straight hose stream as this will scatter and spread fire.



LUBRICANTS.  
TECHNOLOGY.  
PEOPLE.

# SAFETY DATA SHEET

**Specific hazards arising from the chemical:** Vapors may travel considerable distance to a source of ignition and flash back. Vapors may cause a flash fire or ignite explosively. Prevent buildup of vapors or gases to explosive concentrations.

## Special protective equipment and precautions for firefighters

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Firefighters must use standard protective equipment appropriate for industrial fires.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind. Keep unauthorized personnel away. Ensure adequate ventilation. See Section 8 of the SDS for Personal Protective Equipment. Do not handle damaged containers or spilled material unless wearing appropriate protective clothing.

**Methods and material for containment and cleaning up:** Absorb spill with an inert material, then place in a container for safe and proper disposal. Dike far ahead of larger spill for later recovery and disposal. Eliminate all ignition sources if safe to do so. Use only non-sparking tools.

**Environmental Precautions:** Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so and protect against releases into the environment. Remediate as appropriate.

## 7. Handling and storage

**Precautions for safe handling:** Observe good industrial hygiene practices. Wear appropriate personal protective equipment. Do not expose to intense heat as product may expand and pressurize container. Do not taste or swallow. Wash hands thoroughly after handling. Add material slowly when mixing with water. Do not add water to the material; instead, add the material to the water. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Take precautionary measures against static discharges. Avoid contact with eyes, skin, and clothing.

**Conditions for safe storage, including any incompatibilities:** Store in a well-ventilated place. Store in a cool place. Flammable liquid storage.



LUBRICANTS.  
TECHNOLOGY.  
PEOPLE.

# SAFETY DATA SHEET

## 8. Exposure controls/personal protection

### Exposure Limits

Chemical name	type	Exposure Limit Values	Source
Acetic acid, pentyl ester	TWA	50 ppm	US. ACGIH Threshold Limit Values (03 2012)
Acetic acid, pentyl ester	STEL	100 ppm	US. ACGIH Threshold Limit Values (03 2012)
Acetic acid, pentyl ester	PEL	100 ppm 525 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	TWA	20 ppm	US. ACGIH Threshold Limit Values (2011)
Bicyclo[3.1.1]hept-2-ene, 2,6,6-trimethyl-	TWA	20 ppm	US. ACGIH Threshold Limit Values (03 2012)

### Protective Measures:

Provide easy access to water supply and eye wash facilities. Good general ventilation should be provided. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Use explosion-proof ventilation equipment.

### Respiratory Protection:

In case of inadequate ventilation use suitable respirator. Seek advice from supervisor on the company's respiratory protection standards.

### Eye Protection:

Wear safety glasses with side shields (or goggles).

### Skin and Body Protection:

Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.

### Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. Discard contaminated footwear that cannot be cleaned. Avoid contact with skin, eyes, and clothing.

## 9. Physical and chemical properties

### Appearance

**Physical state:**

Liquid

**Form:**

No data available.

**Color:**

Yellow

**Odor:**

Characteristic

**Odor threshold:**

No data available.

**pH:**

No data available.

SDS\_US



LUBRICANTS.  
TECHNOLOGY.  
PEOPLE.

# SAFETY DATA SHEET

<b>Melting point/freezing point:</b>	No data available.
<b>Initial boiling point and boiling range:</b>	No data available.
<b>Flash Point:</b>	53.33 °C (127.99 °F)
<b>Evaporation rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Upper/lower limit on flammability or explosive limits</b>	
<b>Flammability limit - upper (%):</b>	No data available.
<b>Flammability limit - lower (%):</b>	No data available.
<b>Explosive limit - upper (%):</b>	No data available.
<b>Explosive limit - lower (%):</b>	No data available.
<b>Vapor pressure:</b>	No data available.
<b>Vapor density:</b>	No data available.
<b>Relative density:</b>	0.97
<b>Solubility(ies)</b>	
<b>Solubility in water:</b>	Insoluble
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Auto-ignition temperature:</b>	No data available.
<b>Decomposition temperature:</b>	No data available.
<b>Viscosity:</b>	> 23 mm <sup>2</sup> /s (40 °C)

## 10. Stability and reactivity

<b>Reactivity:</b>	Not reactive during normal use.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of Hazardous Reactions:</b>	None under normal conditions.
<b>Conditions to Avoid:</b>	Heat, sparks, flames.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Ingestion:</b>	Harmful if swallowed.
<b>Inhalation:</b>	Harmful if inhaled.



LUBRICANTS.  
TECHNOLOGY.  
PEOPLE.

# SAFETY DATA SHEET

**Skin Contact:** Causes skin irritation. May cause an allergic skin reaction.

**Eye contact:** Causes serious eye irritation.

## Symptoms related to the physical, chemical and toxicological characteristics

**Ingestion:** No data available.

**Inhalation:** No data available.

**Skin Contact:** No data available.

**Eye contact:** No data available.

## Information on toxicological effects

### Acute toxicity (list all possible routes of exposure)

#### Oral

**Product:** ATEmix (): 300 - 2000 mg/kg

#### Dermal

**Product:** ATEmix (): 2000 - 5000 mg/kg

#### Inhalation

**Product:** No data available.

#### Repeated dose toxicity

**Product:** No data available.

#### Skin Corrosion/Irritation

**Product:** No data available.

#### Serious Eye Damage/Eye Irritation

**Product:** No data available.

#### Respiratory or Skin Sensitization

**Product:** No data available.

#### Carcinogenicity

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**  
No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**  
No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):**  
No carcinogenic components identified



LUBRICANTS.  
TECHNOLOGY.  
PEOPLE.

# SAFETY DATA SHEET

## Germ Cell Mutagenicity

**In vitro**  
**Product:** No data available.

**In vivo**  
**Product:** No data available.

**Reproductive toxicity**  
**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**  
**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**  
**Product:** No data available.

**Aspiration Hazard**  
**Product:** No data available.

**Other effects:** Components may cause a risk to the following :  
Lung

## 12. Ecological information

**General information:** This product has not been evaluated for ecological toxicity or other environmental effects.

## 13. Disposal considerations

**Disposal instructions:** Discharge, treatment, or disposal may be subject to national, state, or local laws. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. It is the responsibility of the product user or owner to determine at the time of disposal, which waste regulations must be applied.

**Contaminated Packaging:** Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. Transport information

**DOT**  
Not regulated.





LUBRICANTS.  
TECHNOLOGY.  
PEOPLE.

# SAFETY DATA SHEET

## IMDG

UN Number: UN 1266  
UN Proper Shipping Name: PERFUMERY PRODUCTS  
Transport Hazard Class(es)  
Class: 3  
Label(s): 3  
EmS No.: F-E, S-D  
Packing Group: III  
Marine Pollutant: Not regulated.  
Special precautions for user: –

## IATA

UN Number: UN 1266  
Proper Shipping Name: Perfumery products  
Transport Hazard Class(es):  
Class: 3  
Label(s): 3  
Packing Group: III  
Environmental Hazards: Not regulated.  
Special precautions for user: –  
Other information  
Passenger and cargo aircraft: Allowed.  
Cargo aircraft only: Allowed.

## 15. Regulatory information

### US Federal Regulations

#### US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

None present or none present in regulated quantities.

#### Superfund Amendments and Reauthorization Act of 1986 (SARA)

##### Hazard categories

Fire Hazard

Immediate (Acute) Health Hazards

Delayed (Chronic) Health Hazard

##### SARA 313 (TRI Reporting)

None present or none present in regulated quantities.

### US State Regulations

#### US. California Proposition 65

No component is regulated by CA Prop 65.

## 16. Other information, including date of preparation or last revision

Issue Date: 14.09.2015



LUBRICANTS.  
TECHNOLOGY.  
PEOPLE.

# SAFETY DATA SHEET

---

**Revision Date:** 14.09.2015

**Version #:** 1.0

**Further Information:** No data available.

**Disclaimer:** **This information is provided without warranty.** The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.