

PENSOLV L805

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Date prepared: January 2, 2017  
MSDS : Pensolv L805 SDS GHS

## 1. IDENTIFICATION

### Product Identifier

**Product Name** PENSOLV L805

### Recommended use of the chemical and restrictions on use

**Recommended use** Degreaser  
**Restrictions on use** For industrial use only

### Supplier details

West Penetone Inc.  
10900 Secant  
Montréal, QC,  
H1J 1S5  
Tel: 514-355-4660

### Emergency Telephone Number

Canutec: (613)-996-6666

## 2. HAZARDS IDENTIFICATION

### Classification

Flammable liquids	Category 3
Skin corrosion/irritation	Category 2
Skin sensitizer	Category 1
Aspiration hazard	Category 1

### Label Elements

#### **DANGER**

#### **Hazard Statements**

Flammable liquid and vapor  
Causes skin irritation  
May cause an allergic skin reaction  
May be fatal if swallowed and enters airways



### Precautionary Statements - Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
Keep container tightly closed.  
Avoid breathing mist/vapors/spray.  
Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating, lighting, and mixing equipment.  
Use only non-sparking tools. Take action to prevent static discharges.  
Wash face, hands and any exposed skin thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Contaminated work clothing should not be allowed out of the workplace.

**Precautionary Statements - Response**

IF ON SKIN (or hair): Wash with plenty of water. If skin irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.

IF SWALLOWED: Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

In case of fire: Use CO<sub>2</sub>, foam, dry chemical, water fog to extinguish.

**Precautionary Statements - Storage**

Store locked up. Store in a well ventilated place. Keep cool.

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant according to local, provincial/federal regulations.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS-No	Weight %*
Aliphatic hydrocarbons	64742-88-7	80-90
d-limonene	5989-27-5	10-20

**4. FIRST AID MEASURES**

**Eye contact** Rinse cautiously with water for several minutes. Call a physician if irritation persists.

**Skin contact** Wash with plenty of water. If skin irritation or rash occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.

**Inhalation** If difficulties occur after mist/vapors/spray has been inhaled, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**Ingestion** Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

**Most important symptoms and effects, both acute and delayed**

Contact with eyes may cause irritation or discomfort. Inhalation of mist/vapors/spray may cause respiratory tract irritation leading to a temporary burning sensation of the nose and throat, coughing, and difficulty breathing. Ingestion may cause irritation or a burning sensation of the mouth and throat and abdominal pain. May cause pneumonitis if aspirated.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

CO<sub>2</sub>, foam, dry chemical, water fog.

**Unsuitable Extinguishing Media**

Do not use a solid water stream as this may spread the fire.

**Specific hazards arising from the chemical**

During fire, gases hazardous to health may be formed including oxides of carbon, smoke and other irritating gases.

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation. Remove all sources of ignition. Avoid contact with skin, eyes and clothing. Use personal protective equipment.

**Environmental Precautions**

Avoid discharge into drains/surface waters/groundwater.

**Methods and material for containment and cleaning up**

Contain and solidify with inert absorbent material. Keep in suitable, closed containers for disposal.

**7. HANDLING AND STORAGE****Precautions for Safe Handling**

**Handling** Avoid contact with skin, eyes and clothing. Ensure thorough ventilation of work areas.

**Conditions for safe storage, including any incompatibilities**

**Storage** Keep containers tightly closed away from direct sunlight in a dry, cool and well-ventilated place, away from incompatible materials.

**Incompatible Materials** Strong oxidizing agents

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Control parameters**

Only constituents with exposure limits are listed. Any constituent not listed has no known exposure limit.

Chemical Name	TLV (supplier recommendation)
Aliphatic hydrocarbons 64742-88-7	TWA : 100 ppm

**Appropriate engineering controls**

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**Eye/face Protection** Safety glasses with side shields.

**Skin and body protection** Wear solvent proof gloves.

**Respiratory Protection** If exposure limits are exceeded or if ventilation is inadequate, NIOSH/MSHA approved respiratory protection for organic vapors should be worn.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE :**

Clear, colorless liquid

**ODOR**

Citrus

**ODOR THRESHOLD :**

Not applicable

**pH :**

Not applicable

**MELTING POINT / FREEZING POINT :**

&lt; - 40°C

**BOILING POINT/BOILING RANGE :**

157°C

**FLASH POINT :**

41°C (TCC)

**EVAPORATION RATE, n-butyl acetate = 1 :**

0.1

**FLAMMABILITY (SOLID, GAS):**

Not applicable

**VAPOR PRESSURE, mm Hg AT 20°C :**

&lt; 5

**VAPOR DENSITY (Air = 1) :**

Approximately 4

**RELATIVE DENSITY AT 20°C:**

0.80

**SOLUBILITY IN WATER :**

Insoluble

**PARTITION COEFFICIENT, N-OCTANOL/WATER :**

Not available

**AUTO-IGNITION TEMPERATURE :**

&gt; 200°C

**DECOMPOSITION TEMPERATURE:**

Not available

**VISCOSITY:**

&lt; 10 cps

**FLAMMABLE LIMITS :****UPPER:** Not available **LOWER :** Not available

## 10. STABILITY AND REACTIVITY

**Reactivity**

Not reactive

**Conditions to Avoid**

Store away from incompatible materials and sources of ignition.

**Chemical Stability**

Stable under normal conditions.

**Possibility of hazardous reactions**

None

**Incompatible Materials**

Strong oxidizers.

**Hazardous decomposition products**

None

## 11. TOXICOLOGICAL INFORMATION

**Acute toxicity**

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Aliphatic hydrocarbons 64742-88-7	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)	>5000 mg/L (rat) 4 h
d-limonene 5989-27-5	4400 mg/kg (rat)	>5000 mg/kg (rabbit)	Not available

**Information on likely sources of exposure****Inhalation**

May cause respiratory irritation and possible damage

**Serious eye damage/irritation**

Causes mild eye discomfort.

**Skin corrosion/irritation**

Causes skin irritation and possible sensitization.

**Ingestion**

May be harmful if swallowed

**Delayed and immediate effects and also chronic effects from short and long-term exposure****Respiratory or skin sensitization**

May cause an allergic skin reaction

**Germ cell mutagenicity**

None known

**Carcinogenicity**

No listed human carcinogens.

**Reproductive toxicity**

None known

**STOT - single exposure**

No information available

**STOT - repeated exposure**

No information available

**Aspiration Hazard**

May be fatal if swallowed and enters airways

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

See Section 2 &amp; 4.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

No information available

**Persistence and degradability**

Expected to be readily biodegradable.

**Bioaccumulative potential**

Accumulation in organisms is not to be expected.

**Mobility in soil**

No information available

**Other adverse effects**

None known

**13. DISPOSAL CONSIDERATIONS****Waste Disposal Method**

Dispose of in accordance with local regulations.

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal.

**14. TRANSPORT INFORMATION****TDG classification**

UN 1993, Flammable Liquid, n.o.s. (petroleum distillate), Class 3, PG III

**15. REGULATORY INFORMATION**

All ingredients are listed on the DSL

**16. OTHER INFORMATION****Preparation Date**

January 2, 2017

**Revision Date**

not applicable

**Revision Note**

not applicable

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of SDS**