

1. IDENTIFICATION

Product Identifier

Product Name GRAFIKLEEN L890

Recommended use of the chemical and restrictions on use

Recommended use Solvent 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

Aspiration hazard	Category 1
Serious eye damage/eye irritation	Category 1
Skin corrosion/irritation	Category 2

Label Elements

DANGER

Hazard Statements

May be fatal if swallowed and enters airways
Causes skin irritation
Causes serious eye damage



Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection

Precautionary Statements - Response

IF SWALLOWED: Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
IF ON SKIN: Wash with plenty of water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash it before re-use.

Precautionary Statements - Storage

Store locked up.

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 %
Petroleum distillates, hydrotreated	64742-47-8	60-80
diethylene glycol monobutyl ether	112-34-5	10-20
Alcohol ethoxylate (C10)	34398-01-1	5-10

4. FIRST AID MEASURES

Eye contact	Rinse cautiously with water for several minutes. Consult 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 or skin may cause irritation, discomfort or pain. 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**

CO₂, 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

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

None of the constituents in this product have a known exposure limit.

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	VAPOR PRESSURE, kPa AT 20°C : 0.004
ODOR Faint solvent	VAPOR DENSITY (Air = 1) : 6.5
ODOR THRESHOLD : Not applicable	RELATIVE DENSITY AT 20°C: 0.82
pH : Not applicable	SOLUBILITY IN WATER : Emulsifies
MELTING POINT / FREEZING POINT : Not available	PARTITION COEFFICIENT, N-OCTANOL/WATER : Not available
BOILING POINT/BOILING RANGE : 206°C	AUTO-IGNITION TEMPERATURE : Not available
FLASH POINT : 950°C (TCC)	DECOMPOSITION TEMPERATURE: Not available
EVAPORATION RATE, n-butyl acetate = 1 : < 0.01	VISCOSITY: < 10 cps
FLAMMABILITY (SOLID, GAS): Not applicable	FLAMMABLE LIMITS : UPPER: 4.9% vol. LOWER : 0.6% vol.

10. STABILITY AND REACTIVITY

<u>Reactivity</u> Not reactive	<u>Conditions to Avoid</u> Store away from incompatible materials.
<u>Chemical Stability</u> Stable under normal conditions.	<u>Possibility of hazardous reactions</u> None
<u>Incompatible Materials</u> Strong oxidizers.	<u>Hazardous decomposition products</u> None

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum distillates, hydrotreated 64742-47-8	>5000 mg/kg (rat)	>5000 mg/kg (rabbit)	>5000 mg/m ³ (rat), 4h
diethylene glycol monobutyl ether 112-34-5	3384 mg/kg (rat)	2700 mg/kg (rabbit)	Not available
Alcohol ethoxylate (C10) 34398-01-1	>2000 mg/kg (rat)	>2000 mg/kg (rabbit)	Not applicable

Information on likely sources of exposure

Inhalation	May cause respiratory irritation and possible damage
Serious eye damage/irritation	Causes serious eye damage.
Skin corrosion/irritation	Causes skin irritation.
Ingestion	May be harmful if swallowed. Minimally toxic.

Delayed and immediate effects and also chronic effects from short and long-term exposure

Respiratory or skin sensitization	Not a sensitizer
Germ cell mutagenicity	None known
Carcinogenicity	No listed human carcinogens.
Reproductive toxicity	None known
STOT - single exposure	None known
STOT - repeated exposure	None known
Aspiration Hazard	May be fatal if swallowed and enters airways

Symptoms related to the physical, chemical and toxicological characteristics

See Section 2 & 4.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No information available

Persistence and degradability

Expected to be inherently 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**

Not regulated

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

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End of SDS