

## GLASS CUTTING EVAPORATING OIL

## 1. SUBSTANCE / PREPARATION AND COMPANY IDENTIFICATION

**PRODUCT NAME** : GLASS CUTTING EVAPORATING OIL  
**SUPPLIER** : C.R. Laurence Co., Inc. 65 Tigi Court, Concord, Ontario, Canada, L4K 5E4  
2503 E Vernon Ave Los Angeles, CA 90058-1826  
: 1-800-421-6144

**CRL Catalog Number:** VO20 & VO24

**EMERGENCY NUMBER** : Quebec poison control centre: 1 -800 -463 -5060  
: CANUTEC: (613) 996 -6666 (24 hours) CHEMTREC: 1 -800 -424 -9300

**USE OF THE PREPARATION** : Evaporative glass cutting oil.

## 2. HAZARD IDENTIFICATION

**CLASSIFICATION OF THE SUBSTANCE OR MIXTURE :** ASPIRATION HAZARD - Category 1  
FLAMMABLE LIQUIDS - Category 3

**LABEL ELEMENTS :** This product has been classified and labeled according to the WHIMIS 2015 (GHS).

**Hazard Pictograms :**



**Signal Word** : Danger

**Hazard Statements** : H226 - Flammable liquid and vapour.  
: H304 - May be fatal if swallowed and enters airways.

**Precautionary statements**

**Prevention** : P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking.  
: P233 - Keep container tightly closed.  
: P240 - Ground/bond container and receiving equipment.  
: P241 - Use explosion-proof equipment.  
: P242 - Use only non-sparking tools.  
: P243 - Take precautionary measures against static discharge.  
: P280 - Wear protective gloves/protective clothing/eye protection/face protection.

**Intervention** : P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.  
: P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
: P331 - Do NOT induce vomiting.

	: P370+P378 - In case of fire: Use the following extinguishing media: Carbon dioxide, dry chemical, foam, water spray.
Storage	: P403+P235 - Store in a well-ventilated place. Keep cool.
	: P405 - Store locked up.
Disposal	: P501 - Dispose of contents/container in accordance with applicable laws and regulations.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	CAS	CONCENTRATION (Weight)
Naphtha (petroleum), hydrotreated heavy	64742-48-9	60-100

There are no other ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

### 4. FIRST AID MEASURES

<b>FIRST-AID MEASURES AFTER EYE CONTACT</b>	:	Rinse with plenty of water during at least 15 minutes holding open eyelids and rolling eyes. If an irritation persists, consult a physician.
<b>FIRST-AID MEASURES AFTER SKIN CONTACT</b>	:	Remove contaminated clothing and shoes. Rinse skin with plenty of water, then wash affected areas with soap and plenty of water. If an irritation or a discomfort persists, consult a physician. Wash contaminated clothing before re-use.
<b>FIRST-AID MEASURES AFTER INHALATION</b>	:	Remove to fresh air. Seek immediate medical attention if breathing difficulties. If breathing has stopped, give artificial respiration.
<b>FIRST-AID MEASURES AFTER INGESTION</b>	:	Contact a physician or a poison-control center. DO NOT induce vomiting. Never give anything by mouth to an unconscious or convulsing person. If vomiting occurs, keep head below hips to prevent aspiration of liquid into the lungs.
<b>OTHER FIRST AID</b>	:	Consult a physician

### 5. FIRE-FIGHTING MEASURES

#### EXTINGUISHING MEDIA

Appropriate Extinguishing Media	:	Carbon dioxide, dry chemical, foam, water spray.
Inappropriate Extinguishing Media	:	Do not use a strong spray of water.

#### FIRE FIGHTING

Unusual Fire Hazards	:	This product can accumulate static charges which may cause an electrical spark (ignition source). Vapors may cause fires. Vapors are heavier than air and may travel on the ground to reach an ignition source, causing a flash-back fire danger.
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Hazardous combustion products : Smoke. Irritant gases. Carbon oxides.  
Advice for firefighters : Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing. Use water spray to cool fire exposed containers.

## 6. ACCIDENTAL RELEASE MEASURES

### SAFETY PRECAUTIONS:

Practice good industrial hygiene when handling this product.  
Use appropriate personal protective equipment.  
Avoid all contact with eyes, skin and clothing. Use work clothes or full body suit (antistatic).  
Evacuate spill area ventilate properly.  
Avoid breathing overspray and vapors/mists/fogs.  
Consult safety measures listed under sections 7 and 8.

### ENVIRONMENTAL SAFETY PRECAUTIONS AND CLEANING METHODS:

Remove ignition sources and avoid static charges accumulation.  
Ensure appropriate ventilation.  
Stay upwind.  
Contain spill or leak if it can be done without risk.  
Spray water to reduce vapors/mists/gas concentration in air.  
Do not allow to enter soil, drains, streams and groundwater.  
Absorb spill with a non-flammable commercial absorbent (earth, sand, vermiculite).  
Use non-sparking and grounded tools/equipments.  
Pick up and put in suitable and identified container for disposal.

## 7. HANDLING AND STORAGE

### HANDLING:

Practice good industrial hygiene when handling this product.  
Open and handle the container with care.  
Avoid all contact with eyes, skin and clothing. Avoid breathing vapors and mists.  
Avoid static charges accumulation and ground container.  
Use appropriate personal protective equipment.  
Use under adequate ventilation.

### STORAGE:

Keep away from incompatible materials.  
Keep the container tightly closed in a cool and well ventilated area.  
Keep away from heat, sparks, flames, ignition sources and direct sunlight.  
Ground container. Avoid the accumulation of electrostatic charges.  
Use an explosion proof ventilation.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**CONTROL PARAMETERS:**

<b>Naphtha (petroleum), hydrotreated heavy (64742-48-9)</b>		
<b>LIMIT/STANDARD</b>	<b>VALUE</b>	<b>SOURCE</b>
TWA	196 ppm, 1200 mg/m3	SUPPLIER
STEL	Not available.	SUPPLIER

**APPROPRIATE ENGINEERING CONTROL:**

The level of protection and types of controls necessary will vary depending upon potential exposure conditions.

**Control measures to consider:** General or local exhaust extraction able to maintain emissions below exposure limits. If ventilation is insufficient, wear an approved breathing apparatus. Ventilation should be explosion proof.

**PERSONAL PROTECTION:**

Hand protection : Neoprene. Nitrile.  
 Eye protection : Safety glasses and face-shield if splashing may occur.  
 Respiratory protective equipment : Determine required respiratory equipments after evaluating the specific conditions and hazards in the workplace. If exposure limits are exceeded, use an approved respirator.  
 Other protections : Boots and apron.

<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>
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**APPEARANCE** : Clear colorless liquid

**ODOUR** : Slight

**ODOUR THRESHOLD** : Not available.

**pH** : Not applicable.

**MELTING POINT/FREEZING POINT (°C)** : Not available.

**INITIAL BOILING POINT/BOILING RANGE (°C)** : 182-203

**FLASH POINT (°C)** : 59

**EVAPORATION RATE** : 0,05 (n-butyl acetate=1)

**CONDITIONS OF FLAMMABILITY** : Temperature higher than flash point.

**LOWER FLAMMABLE/EXPLOSIVE LIMIT (%)** : 0,7

**UPPER FLAMMABLE/EXPLOSIVE LIMIT (%)** : 6,0

**VAPOUR PRESSURE (KPA)** : 0,05

**VAPOUR DENSITY** : 5,6 (air=1,0)

**RELATIVE DENSITY** : 0,76

**SOLUBILITY** : Negligible

**PARTITION COEFFICIENT - N-OCTANOL/WATER** : Not available.

**AUTO-IGNITION TEMPERATURE (°C)** : 252

**DECOMPOSITION TEMPERATURE** : Not available.

**VISCOSITY (MM<sup>2</sup>/S (CST) AT 40°C)** : 1,2

**VOC CONTENT** : Not available.

## 10. STABILITY AND REACTIVITY

<b>REACTIVITY</b>	:	Not available.
<b>CHEMICAL STABILITY</b>	:	Stable under the recommended storage conditions.
<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	:	Will not occur.
<b>CONDITIONS TO AVOID</b>	:	Avoid temperatures higher than flash point, ignition sources and static accumulation.
<b>INCOMPATIBLE MATERIALS</b>	:	Strong oxidizers.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	:	Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY:

#### Naphtha (petroleum), hydrotreated heavy (64742-48-9)

<b>LD50 Oral (Rat)</b> mg/kg	:	> 10000
<b>LD50 Dermal (Rabbit)</b> mg/kg	:	> 3200
<b>LC50 Inhalation (Rat)</b>	:	>2000 ppm (4h)

**ROUTE OF ENTRY (EXPOSURE):** : Skin absorption. Eye contact. Inhalation

### EFFECTS OF ACUTE EXPOSURE

Eye contact	:	Irritation.
Skin contact	:	Dryness. Dermatitis. Cracking. Irritation.
Inhalation	:	Anesthesia. Irritation of the respiratory tract. Headache. Nausea. Drowsiness. Dizziness.
Ingestion	:	Gastric discomfort. Nausea. Vomiting.

### EFFECTS OF CHRONIC EXPOSURE

Carcinogenicity	:	Not applicable.
Reproductive toxicity	:	Not applicable.
Teratogenicity	:	Not available.
Mutagenicity	:	Not applicable.
Sensitization	:	Not applicable.
Synergistic products	:	Not available.

**12. ECOLOGICAL INFORMATION****ECOTOXICITY :****Naphtha (petroleum), hydrotreated heavy (64742-48-9)**

LC50 (Fish) : Not available.

EC50 (Other aquatic organisms) : Not available.

EC50 (Daphnia) : Not available.

**PERSISTENCE AND DEGRADABILITY****Naphtha (petroleum), hydrotreated heavy (64742-48-9)**

Not available.

**BIOACCUMULATIVE POTENTIAL****Naphtha (petroleum), hydrotreated heavy (64742-48-9)**

Not available.

**MOBILITY IN SOIL****Naphtha (petroleum), hydrotreated heavy (64742-48-9)**

Not available.

**13. DISPOSAL CONSIDERATIONS**

Disposal should be in accordance with applicable regulations Do not allow to enter ground water, sewage or drains

**14. TRANSPORT INFORMATION****IN ACCORDANCE WITH TDG****Regulated**

UN NUMBER	:	UN1268
HAZARD CLASS&DIVISION	:	3
PACKAGING GROUP	:	III
DESCRIPTION	:	PETROLEUM DISTILLATES, N.O.S. (Naphtha (petroleum), hydrotreated heavy)

**15. REGULATORY INFORMATION****NATIONAL REGULATIONS:****WHIMIS 2015:** This product has been classified in accordance with the hazard criteria established by Hazardous Products Act and

the SDS contains all information required by the HPA.

**DSL:** All components of this material are either on the Canadian Domestic Substances List (DSL), or exempt

TSCA Status : All chemical substances found in this product are either listed on the Toxic Substances Control Act Inventory List or exempt.

## 16. OTHER INFORMATION

The opinions expressed herein are those of qualified experts within the supplier. We believe that the information contained herein is current as of the date of this Safety Data Sheet. Since the use of this information and of these opinions and the conditions of use of the product are not within the control of the supplier, it is the user's obligation to determine the conditions of safe use of the product.

### ACRONYMS/ABBREVIATION

<i>HPA</i>	:	Hazardous Products Act
<i>DSL</i>	:	Canadian Domestic Substances Lis
<i>TSCA</i>	:	Toxic Substances Control Act
<i>GHS</i>	:	Globally Harmonized System

### OTHER TOXICOLOGICAL INFORMATIONS

<b>PREPARATION</b>	:	Supplier Technical Departement
<b>DATE OF PREPARATION</b>	:	2015/05/27
<b>DATE OF REVISION</b>	:	2020/10/06
<b>TEL</b>	:	1-800-421-6144
<b>FAX</b>	:	1-800-262-3299
<b>CODE</b>	:	2409B0

**END OF THE SDS**