

MATERIAL SAFETY DATA SHEET

CANOLA OIL

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION



MANUFACTURER: Distributed by Tarr, LLC
P. O. Box 12570

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INFORMATION PHONE: 503-288-5294
EMERGENCY PHONE: CHEMTREC 800-424-9300 (US) Day or night
International Call Collect CHEMTREC 202-483-7616
PRODUCT NAME: CANOLA OIL
PRODUCT NUMBER: CO
UPC NUMBER:
PREPARED BY: Patricia Rodabaugh
DATE PREPARED: 12/15/2004
LAST REVISION: 9/23/1998
SYNOMYS:

Portland, Oregon
Phoenix, Arizona
Auburn, Washington
Vancouver, Washington

Print Date: 12/15/2004

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Weight %	OSHA PEL	ACGIH TLV	NOTE
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3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: CAUTION! May cause eye or respiratory irritation.

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Moderately irritating to the eyes.

INHALATION: Mists may cause respiratory irritaiton.

INGESTION: Oral LD50 not established. Do not ingest.

SKIN CONTACT: No acute affects in normal industrial use.

SIGNS AND SYMPTOMS OF EXPOSURE:

Irritation as noted above.

4. FIRST AID MEASURES

EYE CONTACT: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, oxygen should be administered by qualified personnel. Get medical attention immediately.

INGESTION: If swallowed, do NOT induce vomitting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

SKIN CONTACT: Wash affected area with soap and water. If irritation develops or persists, get medical attention.

AGGRAVATED MEDICAL CONDITIONS:

Preexisting skin and eye conditions may be aggravated by exposure to this product.

SUPPLEMENTAL HEALTH INFORMATION:

None identified

5. FIRE FIGHTING MEASURES**FLAMMABLE PROPERTIES**

FLASH POINT: >500 F

FLASH POINT METHOD USED: Tag Closed Cup

AUTOIGNITION: NDA

LEL:

UEL:

EXTINGUISHING MEDIA:

Use water fog, "alcohol" foam, dry chemical, or CO₂.

SPECIAL FIRE FIGHTING PROCEDURES:

The use of SCBA is recommended for firefighters. Water spray may be used to cool containers exposed to heat or flame.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large amounts of water.

COMBUSTION PRODUCTS:

Carbon monoxide and unidentified organic compounds may be formed during combustion.

6. ACCIDENTAL RELEASE MEASURES**STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:**

Remove all sources of ignition and provide ventilation. Wear protective equipment as given in Section 8. Dike around large spills to prevent spreading. Absorb small spills with inert material (clay, sand). Prevent contamination of surface waters.

7. HANDLING AND STORAGE**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Keep containers tightly closed when not in use. DO NOT cut or weld empty drums unless thoroughly cleaned.

OTHER PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN! Empty containers retain product residue and can be dangerous. Do not pressurize, cut weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks static electricity, or other sources of ignition.

8. EXPOSURE CONTROL/PERSONAL PROTECTION**RESPIRATORY PROTECTION:**

If exposure may or does exceed occupational exposure limits (Sec. 2) use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use either an atmosphere-suppling respir. or an air-purifying respir. for organic vapors.

VENTILATION:

Use general or local mechanical exhaust ventilation capable of maintaining emissions in the work area below the OSHA-PEL or ACGIH-TLV.

PROTECTIVE GLOVES:

Wear resistant gloves (consult your safety equipment supplier). To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

EYE PROTECTION:

Safety glasses with side shields or chemical goggles.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

N/A

WORK / HYGENIC PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

ENGINEERING CONTROLS:

No special ventilation requirements.

EXPOSURE GUIDELINES:

None identified by supplier.

9. PHYSICAL AND CHEMICAL PROPERTIES

SOLUBILITY IN WATER: Solubility negligible in water

APPEARANCE AND ODOR: Clear amber oily liquid, bland odor

BOILING POINT: 550 F

PERCENT VOLATILE: 100

VAPOR PRESSURE: NDA

PH:

EVAPORATION RATE: Slower than ether

MOLECULAR WEIGHT:

POUNDS PER GALLON: NDA

VAPOR DENSITY: Heavier than air

SPECIFIC GRAVITY: 0.75-0.92

OTHER PROPERTIES:

MELTING POINT: NDA

FREEZING POINT:

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Stable under normal conditions.

INCOMPATIBILITY:

None Reported.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

None Reported.

HAZARDOUS POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: Avoid heat, flame, and other sources of ignition.

11. TOXICOLOGY INFORMATION

No data supplied by vendor.

12. ECOLOGICAL INFORMATION

Keep out of waterways

13. DISPOSAL CONSIDERATIONS

The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

14. TRANSPORTATION INFORMATION

DOT Proper Shipping Name: Not DOT regulated as a hazardous material **PACKING GROUP:** N/A

GUIDE NUMBER: N/A

HAZARD CLASS: N/A

DOT CLASS:

UN NUMBER: N/A

Not DOT regulated as a hazardous material

15. REGULATORY INFORMATION

No information available.

16. OTHER INFORMATION

HMIS INFORMATION: **HEALTH:** 0 **FLAMMABILITY:** 1 **REACTIVITY:** 0 **PROTECTIVE:** B

SARA Title III Information:

SARA 302: To the best of our knowledge, none of the chemicals in this product are listed as an Extremely Hazardous Substance under Section 302 of SARA Title III nor does this product contain any other such substances.

SARA 311/312: To the best of our our knowledge, this product is not reportable.

SARA 313: To the best of our knowledge, this product is not listed as a toxic chemical.

N/A = Not Applicable

NDA = No Data Available

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