

MATERIAL SAFETY DATA SHEET



Date-Issued: 03/31/2005
MSDS Ref. No: 05-5341-01
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Revision No: 1

Pureco Canola Oil

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Pureco Canola Oil
GENERAL USE: For general information or product stewardship call 608-752-9007.
PRODUCT DESCRIPTION: Triglyceride
PRODUCT CODE: 5341
PRODUCT FORMULATION NAME: Pureco Canola Oil
CHEMICAL FAMILY: Triglyceride

MANUFACTURER

ABITEC Corporation
 1530 South Jackson Street
 Janesville, WI 53546
Product Stewardship: 608-752-9007

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800)424-9300
 CANUTEC: (613)996-6666
 International Emergency Phone: Call Collect (703)527-3887
 Emergency Phone: (608)752-9007

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>	<u>EINECS#</u>
Canola Oil			120962-03-0

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Light yellow liquid

IMMEDIATE CONCERNS: None Expected.

POTENTIAL HEALTH EFFECTS

EYES: Not expected to cause serious irritation.

SKIN: Not expected to cause serious irritation.

SKIN ABSORPTION: Not Expected

INGESTION: No evidence of adverse effects from available information.

INHALATION: Vegetable oil mists are classified as "nuisance particulates" by OSHA and the American Conference of Governmental Industrial Hygienists (no health effects reported).

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Not an irritant, but exposure to dusts or mist may cause some discomfort.

SKIN: Prolonged skin exposure to oils to sensitive individuals may cause dermatitis.

SKIN ABSORPTION: None known.

INGESTION: None known.

INHALATION: Vapors and/or aerosols which may be formed at elevated temperatures may be irritating to eyes and respiratory tract.

ACUTE TOXICITY: None expected

CHRONIC: None known.

CARCINOGENICITY: NA = Not Applicable

MUTAGENICITY: NA = Not Applicable

REPRODUCTIVE TOXICITY**REPRODUCTIVE EFFECTS:** NA = Not Applicable**TERATOGENIC EFFECTS:** NA = Not Applicable**MEDICAL CONDITIONS AGGRAVATED:** None known.**ROUTES OF ENTRY:** Material in vapor form may enter the respiratory tract through inhalation. Material in liquid form is not likely to enter the body through the skin or eyes.**TARGET ORGAN STATEMENT:** None known.**CANCER STATEMENT:** NA = Not Applicable**IRRITANCY:** At elevated temperatures may cause irritation of the eyes and respiratory tract.**SENSITIZATION:** None known.**HEALTH HAZARDS:** None known.**PHYSICAL HAZARDS:** None known.

4. FIRST AID MEASURES**EYES:** Immediately flush eyes with water for at least 15 minutes. If irritation persists, get medical attention.**SKIN:** Wash with soap and water. Wash affected area with water for at least 15 minutes.**INGESTION:** Do not induce vomiting. Obtain medical attention.**INHALATION:** Remove to fresh air.**ANTIDOTES:** None known.**NOTES TO PHYSICIAN:** None.

5. FIRE FIGHTING MEASURES**FLASHPOINT AND METHOD:** > (500°F)COC (Cleveland Open Cup)**FLAMMABLE CLASS:** Not considered flammable, but is combustible.**EXTINGUISHING MEDIA:** Dry chemical or waterspray or water fog, carbon dioxide, foam or sand/earth**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, Carbon dioxide**EXPLOSION HAZARDS:** None known.**FIRE FIGHTING PROCEDURES:** If the product is involved with fire, extinguish with waterspray, dry chemical or alcohol foam. Keep containers cool by spraying with water if exposed to fire.**FIRE FIGHTING EQUIPMENT:** Use self-contained breathing apparatus when fighting fires in enclosed areas.**AUTOIGNITION TEMPERATURE:** Not yet Determined**FLASHPOINT:** Combustible Liquid. Can form flammable mixtures at temperatures at or above the flash point.**FIRE EXPLOSION:** None known.**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.

6. ACCIDENTAL RELEASE MEASURES**SMALL SPILL:** Stop spill at source, dike area of spill to prevent spreading. Absorb liquid on solid absorbent material and place in a disposal

container. Wash area with hot soapy water.

LARGE SPILL: Stop spill at source. Dike area of spill to prevent spreading. Pump liquid to salvage tank. Absorb liquid on solid absorbent material and shovel into containers. Prevent run-off to sewers, streams or other bodies of water. Wash floors with hot soapy water and rinse with hot water to prevent slipping.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

LAND SPILL: Shovel or sweep up and place in a waste container.

RELEASE NOTES: Release of oils to waterways may require reporting to the NRC.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Use with adequate ventilation. Avoid mist formation. Avoid contact with eyes.

HANDLING: Keep away from heat, sparks and flame. Wear recommended personal protective equipment. Never use pressure to empty drums.

STORAGE: Keep container closed when not in use. Store in a dry area away from heat or sparks. Maintain good ventilation around containers.

STORAGE TEMPERATURE: Ambient

LOADING TEMPERATURE: Ambient

STORAGE TEMPERATURE: Ambient

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS: Good general ventilation should be sufficient to control airborne levels.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: ANSI Z87 approved safety glasses should be adequate protection for materials at room temperature. Wear goggles for hot material.

SKIN: No special protection needed for materials under normal conditions. Wear neoprene or lined pvc gloves for hot material.

RESPIRATORY: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

PROTECTIVE CLOTHING: Wear a work uniform or tyvek suit to provide protection from dust or particulate matter.

WORK HYGIENIC PRACTICES: Remove clothing and launder or dispose in an approved waste disposal facility. Wash hands with soap and water after handling this product or clothing containing residual.

OTHER USE PRECAUTIONS: Use good chemical hygiene practices when handling this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid at room temperature

ODOR: None

APPEARANCE: Light yellow liquid.

COLOR: Light yellow

VAPOR PRESSURE: <1 mm Hg @ 25 C

VAPOR DENSITY: Not determined

BOILING POINT: >500 F

MELTING POINT: Not Determined

SOLUBILITY IN WATER: Insoluble

DENSITY: ~ 7.7 at (60°F)

SPECIFIC GRAVITY: 0.92 to 0.925 (water=1)

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Keep away from temperatures near the flash point. Store away from oxidizers.

STABILITY: Stable under normal conditions.

POLYMERIZATION: Not Expected

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide and Carbon dioxide.

INCOMPATIBLE MATERIALS: Oxidizers

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: No data available.

SKIN EFFECTS: No data available.

SENSITIZATION: Prolonged skin exposure to oils may cause dermatitis in sensitive individuals.

TARGET ORGANS: None Expected.

CARCINOGENICITY:

IARC: NA = Not Applicable

NTP: NA = Not Applicable

OSHA: NA = Not Applicable

MUTAGENICITY: None Expected.

REPRODUCTIVE EFFECTS: None Expected.

NEUROTOXICITY: None Expected.

TERATOGENIC EFFECTS: None Expected.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: Not water soluble. Prevent liquid from entering bodies of water.

ECOTOXICOLOGICAL INFORMATION: Expected to be biodegradable. Not expected to bio-accumulate.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose according to federal, state, and local regulations. Use only licensed waste haulers and disposal contractors. Do not dispose of by means of sinks, drains, or in the immediate environment.

FOR LARGE SPILLS: Stop spill at source, dike area of spill to prevent spreading. Pump liquid to salvage tank. Absorb liquid on solid absorbent material and shovel into waste container. Prevent run-off to sewers, streams or other bodies of water. Wash floors with detergent and rinse with hot water to prevent slipping.

PRODUCT DISPOSAL: Place waste in waste container and dispose in accordance with federal, state and local regulations. Obtain the consent of the local publically-owned treatment works before discharging waste to a publically-owned treatment facility.

EMPTY CONTAINER: Remove product residue and dispose of container at an approved waste handling facility.

RCRA/EPA WASTE INFORMATION: This material as a waste does not meet the federal definition of hazardous waste. State and local waste regulations should be reviewed as their rules regarding hazardous waste may be more stringent than the federal rules.

RCRA HAZARD CLASS: Non hazardous

GENERAL COMMENTS: It is the responsibility of the user of this product to characterize wastes generated to determine if the waste meets the definition of hazardous waste.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)**PROPER SHIPPING NAME:** Not Regulated**PRIMARY HAZARD CLASS/DIVISION:** Not Regulated

15. REGULATORY INFORMATION

UNITED STATES**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** NA = Not Applicable**FIRE: NO PRESSURE GENERATING: NO REACTIVITY: NO ACUTE: NO CHRONIC: NO****313 REPORTABLE INGREDIENTS:** None**302/304 EMERGENCY PLANNING****EMERGENCY PLAN:** NA = Not Applicable**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** NA = Not Applicable**EPA****EPA RQ INGREDIENT:** NA = Not Applicable**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA REGULATORY:** This product or its components, are listed on, or are exempt from the Toxic Substance Control Act (TSCA) Chemical Substance Inventory.**RCRA STATUS:** NA = Not Applicable**OSHA HAZARD COMM. RULE:** NA = Not Applicable**CLEAN WATER ACT:** Oils may be regulated under EPA's Oil Pollution Control Act. Users may be required to have a SPCC Plan for their facility.**NATIONAL RESPONSE CENTER:** Oil spills to navigable waterways may be reportable.**CARCINOGEN:** NA = Not Applicable**CLEAN AIR ACT****40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:** NA = Not Applicable**OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA)****29 CFR 1910.119---PROCESS SAFETY MANAGEMENT OF HIGHLY HAZARDOUS CHEMICALS:** NA = Not Applicable**CALIFORNIA PROPOSITION 65:** NA = Not Applicable

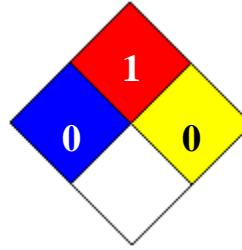
16. OTHER INFORMATION

REASON FOR ISSUE: New**APPROVED BY:** Safety Department**PREPARED BY:** Safety Department**REVISION SUMMARY** Revision #: 1 This MSDS replaces the March 31, 2005 MSDS. Any changes in information are as follows: In Section 1 24 Hour Emergency Phone Numbers

HMIS RATING

HEALTH:	0
FLAMMABILITY:	1
PHYSICAL HAZARD:	0
PERSONAL PROTECTION:	

NFPA CODES



NFPA STORAGE CLASSIFICATION: Combustible.

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