Material Safety Data Sheet
3410 - #3410 Canola Oil

CAS No: 120962-03-0
Product Description: Refined, bleached, and deodorized canola oil
Trade Name/Synonyms: RBD Canola Oil
Chemical Family: Glyceride Oils

Section I - Manufacturing Identification

Manufacturer's Name: Cargill, Incorporated
Address: DSO NA, PO Box 5396
Minneapolis, Minnesota  55440

24 Hour Emergency Assistance: Chemtrec: (800) 424-9300
General MSDS Assistance: Dso_Qa@cargill.com

Section II - Hazardous Ingredients / Identity Information

Is not hazardous under the Department of labor definitions. Is Generally Recognized as Safe (GRAS) under the Food, Drug and Cosmetic A

Section III - Physical / Chemical Characteristics

Boiling Range: Not applicable
Specific Gravity (H2O=1): 0.920-0.925
Percent Volatile by Volume: 0%
Evaporation Rate: Not applicable
Appearance and Odor: A yellow, oily liquid with only a faint odor.

Vapor Density: Exceeds 1.0
Vapor Pressure: Not applicable
Solubility in Water: Insoluble
Weight/Gallon: 7.7 lbs at 60°F

Section IV - Fire and Explosion Hazard Data

Flammability Classification: Combustible Liquid - Class III B
Flash Point: > 625°F when FFA < 0.05%
Extinguishing Media: UL listed Type "K" fire extinguisher, UL wet chemical extinguishing system or water spray.

SPECIAL FIREFIGHTING PROCEDURES: The use of self-contained breathing apparatus is recommended for fire fighters. Avoid use of water to spread fire by dispersing oil. Use water to keep fire-exposed containers cool.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Rags and waste paper containing this material may heat and burn spontaneously. When material presenting a large surface area, such as rags, filter clay, etc., is saturated with liquid vegetable oils or oil by-products spontaneous combustion result.
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Section V - Reactivity Data

STABILITY: Spontaneous combustion can occur. See Unusual Fire and Explosion Procedures, Section IV.

CONDITIONS TO AVOID: High surface area exposure to oxygen can result in polymerization and release of heat.

INCOMPATABILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITIONS OR BY-PRODUCTS: None

HAZARDOUS POLYMERIZATION: Will not occur.

Section VI - Health Hazard Data

OSHA PERMISSIBLE EXPOSURE LIMIT: As an oil mist - 15 mg/m3 and 5 mg/m3 respirable.

ACGIH THRESHOLD LIMIT VALUE: As an oil mist - 10 mg/m3.

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Excessive inhalation of oil mist may affect the respiratory system. Oil mist as a nuisance particulate by ACGIH.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Sensitive individuals may experience dermatitis after long exposure skin.

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute: none observed by inhalation. Chronic: none reported.

EMERGENCY AND FIRST AID PROCEDURES FOR:
* SKIN CONTACT: May be removed from skin by washing with soap and warm water.
* INHALATION: Expose individual to fresh air source.

Section VII- Precautions for Safe Handling and Use

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Depending on quantity of spill: (a) Small spill - add solid adsorbent into disposable container and hose down area. Clean area with detergent. (b) Large spill - Squeegee or pump into holding container. Clean ar detergent.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations.

Section VIII- Control Measures

RESPIRATORY PROTECTION: In the presence of any vegetable oil mists proper respiratory protection should be worn.

VENTILATION: Intermittent clean air exchanges recommended, but not required.

PROTECTIVE GLOVES: Not normally needed.

EYE PROTECTION: Not normally needed.

OTHER PROTECTIVE CLOTHING or EQUIPMENT: Not normally needed.

WORK/HYGIENIC PRACTICES: Normal good work practice.
Section IX- Special Precautions

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store away from flame and fire, AND excessive heat.

Section X- Disclaimer and / or Comments

We recommend that containers be either professionally reconditioned for re-use by certified firms or properly disposed of by certified firms to help reduce the possibility of an accident. Disposal of containers should be in accordance with applicable federal, state and local laws and regulations. “Empty” drums should not be given to individuals.

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