



Material Safety Data Sheet

SECTION 1 — PRODUCT INFORMATION

Product Identifier **GreenRelease** *WHMIS Classification (optional)*

Product Use Release of Concrete from formwork

Manufacturer's Harmonious Enterprises

Street Address Box 240

City Coombs *Province* B.C.

Postal Code VOR 1M0 *Emergency Telephone* 250-702-6310

SECTION 2 — HAZARDOUS INGREDIENTS

Hazardous Ingredients Canola Oil CAS# 120962-03-0 40%

SECTION 3 — PHYSICAL DATA

Physical State Liquid *Odour and Appearance* Pale amber liquid with mild odour

Odour Threshold (ppm) Not established

Specific Gravity 0.88-0.91

Vapour Density (air = 1) >1

Vapour Pressure (mmHg) <0.6

Evaporation Rate (Butyl Acetate=1) <0.05

Boiling Point (deg C) >200

Freezing Point (deg C) -5 to -10

pH Not Applicable

Coefficient of Water/Oil Distribution <1

SECTION 4 — FIRE AND EXPLOSION DATA

Flammability No *If yes, under which conditions?* Not Applicable

Means of Extinction Dry Chemical, foam, carbon dioxide or water(fog). Do not use water stream.

Flashpoint (deg C) and Method >180 C, closed cup *Upper Flammable Limit (% by volume)* Not established

Lower Flammable Limit (% by volume) Not established

Autoignition Temperature (deg C) Not available *Explosion Data — Sensitivity to Impact* None

Explosion Data — Sensitivity to Static Discharge Yes, if sprayed

Hazardous Combustion Products Smoke, oxides of carbon

SECTION 5 — REACTIVITY DATA

Chemical stability Stable, does not decompose *If no, under which conditions?* Not Applicable

Incompatibility with Other Substances Yes *If yes, which ones?* Strong oxidizing agents

Reactivity, and under what conditions? None *Hazardous Decomposition Products* None

SECTION 6 — TOXICOLOGICAL PROPERTIES

Route of Entry By eye or skin contact, inhalation or ingestion

Effects of Acute Exposure to Product May cause mild eye or skin irritation. Vapour mists may cause irritation to respiratory tracts, dizziness or nausea. This product is not acutely toxic by ingestion.

Effects of Chronic Exposure to Product Not known *Exposure Limits (value, source, date)* 1 mg/m³ TWA Oil Mist-Highly refined 2006 3mg/m³ TWA Vegetable oil Mist (respirable) 2001

Irritancy (if yes, explain) Mild irritation to eye and skin

Sensitization (if yes, explain) None known *Carcinogenicity (if yes, explain)* Not classified as a carcinogen

Reproductive Toxicity (if yes, explain) None known *Teratogenicity (if yes, explain)* None known

Mutagenicity (if yes, explain) None known *Synergistic Products (if yes, explain)* None known

Biodegradability Biodegradable

SECTION 7 — PREVENTIVE MEASURES

Personal Protective Equipment Gloves- PVC or Neoprene.

Respirator- if sprayed, especially in confined areas, wear NIOSH organic vapour mask.

Eye protection- safety goggles or face shield.

Footwear- Product is slippery. Wear chemical resistant, non-slip work shoes.

Clothing- Avoid splashing. Remove and wash contaminated clothing.

Engineering Controls (specify, such as ventilation, enclosed process)

Normal local ventilation to provide less than 100 ppm airborne vapour if sprayed.

Leak and Spill Procedure Stop spill and remove sources of ignition. Use Absorbent and transfer into an approved waste container.

Waste Disposal Comply with all municipal, provincial and federal regulation. This product may be recycled or disposed by controlled burning in an approved incinerator.

Handling Procedures and Equipment Avoid contamination with water. Ground all transfer equipment. Do not cut empty drum with torch.

Storage Requirements Stored in a cool, dry area. Cold temperature will increase the viscosity of the product. Preferably, store at room temperature above 10 deg C. Keep product away from ignition sources.

Special Shipping Information **GreenRelease** is not regulated by the Transportation of Dangerous Goods Act in Canada.

SECTION 8 — FIRST AID MEASURES

Inhalation Remove to fresh air. Restore breathing and apply oxygen if necessary.

Ingestion Do not induce vomiting. If victim is conscious, rinse mouth and give one or two glasses of water to drink.

If a large amount is ingested or if gastro-intestinal symptoms develop, seek medical help.

Skin Contact Wash with soap and water.

Eye Contact Irrigate eyes with a steady stream of water for 10 minutes. If irritation persists, seek medical personnel.

SECTION 9 — PREPARATION INFORMATION

Prepared by Harmonious Energy, Inc. Qualicum Beach, B.C. CANADA

Telephone Number 250-702-6310 Preparation Date **September 2016**

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