

Safety Data Sheet

GreenRelease

SECTION 1. IDENTIFICATION

Product Identifier	GreenRelease
Other Means of Identification	Biodegradable Concrete Form Release
Recommended Use	Release of Forms From Concrete
Restrictions on Use	NA
Initial Supplier Identifier	Harmonious Enterprises
Emergency Telephone Number	250-702-6310

SECTION 2. HAZARD IDENTIFICATION

Classification	Not considered hazardous under normal use
Label Elements	Canola oil, Free Fatty Acids
Other Hazards	

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration	Common name / Synonyms	Other identifiers
Canola oil	120962-03-0	80.00%	Cooking oil	

Notes

SECTION 4. FIRST-AID MEASURES

Inhalation	Remove to fresh air. Restore breathing, apply oxygen if necessary.
Skin Contact	Wash with soap and water.
Eye Contact	Irrigate with water for 2-3 minutes
Ingestion	Do not induce vomiting! If victim is conscious give 1-2 glasses of water to drink.
Most Important Symptoms and Effects, Acute and Delayed	No information available, considered non toxic.
Immediate Medical Attention and Special Treatment	Treat symptomatically

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media	
Suitable	CO2, Dry chemical, Foam, Water Fog
Extinguishing Media	
Unsuitable	Water stream
Extinguishing Media	
Specific Hazards Arising from the Product	Oxides of Carbon
Special Protective Equipment and Precautions for Fire-Fighters	Firefighters should wear full self contained breathing apparatus. Use personal protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures	Normal local ventilation to provide less than 100ppm airborne vapour if sprayed. NIOSH organic vapour mask if sprayed in confined area.
	Gloves-PVC or Neoprene
	Safety Goggles or Face shield if sprayed.
	Avoid splashing remove and wash contaminated clothing.
	Product is slippery-Wear chemical resistant non slip footwear.
Methods for Containment and Cleaning Up	Use appropriate oil absorbing material, place in approved labelled containers.
	Use berms for containment of larger releases, transfer to appropriate container.
	Contaminated area may be cleaned with detergent cleaning agent.
	Disposal must comply with Municipal, Provincial, and Federal regulations.
	Product may be recycled, composted or burned in approved incinerator.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling	Avoid contamination of water.
Conditions for Safe Storage	Ground all transfer equipment.
	Store in cool dry area.
	Cold temperature will increase viscosity of product.
	Keep product away from ignition sources.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Chemical Name	ACGIH® TLV®		OSHA PEL	
	TWA	STEL	TWA	STEL
Canola oil			29 CFR 1910.1200	

Notes

Appropriate Engineering Controls	Eye wash station Showers Ventilation Systems
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Individual Protection Measures	Protective impermeable clothing.
Eye/Face Protection	Goggles or Face shield
Skin Protection	Gloves PVC or Neoprene
Respiratory Protection	NIOSH approved organic vapour mask

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Colour	Amber or Brown
Odour	Mild
Melting Point and Freezing Point	-10 Celsius
Boiling point or Initial Boiling Point and	>200 celsius
Boiling Range	300-315 celsius
Flammability	Not applicable
Upper and Lower Flammability or Explosive Limit	No data available
Flash point	185 deg. Celsius-(Closed cup)
Auto-ignition temperature	Not available
Decomposition Temperature	No data available
pH	Not applicable
Kinematic Viscosity	Not available
Solubility	Solubility-miscible with organic solvents
Partition Coefficient, n-Octanol / Water (Log Kow)	Insoluble in water
Vapour Pressure	No data available

Density and Relative density	0.88-0.91
Relative Vapour Density	No data available
Particle characteristics	Oily

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No reactivity data available
Chemical Stability	Stable under normal usage
Possibility of Hazardous Reactions	None known at this time
Conditions to Avoid	None known
Incompatible Materials	None known
Hazardous Decomposition Products	None known

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Inhalation Skin contact Eye contact Ingestion

Acute Toxicity

LC50	None Known
LD50 (oral)	None Known
LD50 (dermal)	None Known

Notes

Skin Corrosion / Irritation	Minimal to no irritation
Serious Eye Damage / Irritation	Mild irritant, no serious damage anticipated
STOT (Specific Target)	None Known
Organ Toxicity) - Single Exposure	
Aspiration Hazard	None under normal use
STOT (Specific Target)	Non Known
Organ Toxicity) - Repeated Exposure	
Respiratory and/or Skin Sensitization	None Known

Carcinogenicity

Chemical Name	IARC	ACGIH®	OSHA
Canola oil			29 CFR 1910.1200

Notes

Reproductive Toxicity

Development of Offspring	No information available
Sexual Function and Fertility	No information available
Effects on or via Lactation	No information available
Germ Cell	None known
Mutagenicity	
Interactive Effects	None Known

SECTION 12. ECOLOGICAL INFORMATION *(section heading must appear; all content is optional)*

Ecotoxicity	None Known
Persistence and Degradability	Readily biodegradable
Bioaccumulative Potential	None Known
Mobility in Soil	Readily biodegradable
Other Adverse Effects	None known

SECTION 13. DISPOSAL CONSIDERATIONS *(section heading must appear; all content is optional)*

Disposal Methods

SECTION 14. TRANSPORT INFORMATION *(section heading must appear; all content is optional)*

Regulation	UN No.	Proper Shipping Name	Technical Name (for N.O.S. entry)	Transport Hazard Class(es)	Packing Group
Not Controlled	none	GreenRelease	Concrete Release Agent	none	Liquid

Special Precautions

Environmental Hazards Substance is oily and slippery

SECTION 15. REGULATORY INFORMATION *(section heading must appear; all content is optional)*

Safety, Health and Environmental Regulations Health Hazards 0
Flammability 1
Environmental 0

SECTION 16. OTHER INFORMATION

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