

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. Ground all transfer equipment.
Conditions for Safe Storage	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 Boiling Range	>200 celsius 300-315 celsius Not applicable
Flammability	
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 / Minimal to no irritation
Irritation
Serious Eye Damage / Mild irritant, no serious damage anticipated
Irritation
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 None Known
Skin Sensitization

Carcinogenicity

Chemical Name	IARC	ACGIH®	OSHA
Canola oil			29 CFR 1910.1200

Notes

Reproductive Toxicity

Development of No information available
Offspring
Sexual Function and No information available
Fertility
Effects on or via No information available
Lactation
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 Readily biodegradable
Degradability
Bioaccumulative None Known
Potential
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

Substance is oily and slippery

Hazards

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

Date of Latest
Revision

2024-01-14

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