

## Fusion Release

### 1. Identification

**Product identifier:** Fusion Release  
**Product code:** Release  
**Supplier Name:** Eco Solutions  
1114 Lower Base Line  
Milton, Ontario L0P 1E0

**Telephone:** 905-864-8740  
**Emergency telephone number:** 1-800-326-7658  
**Available hours:** 9h-17h Monday to Friday

**Recommended use:** Release Agent and Freeze-Proof Agent  
**Restrictions on use:** Not for ingestion

### 2. Hazard identification

**Hazard classification:** NONE

**Product classification:**



This product is not regulated under WHMIS 2015 and Hazcom 2012

**Hazard statement(s):** This product is not a hazardous material.

#### Precautionary statement(s)

**Prevention:** Wear protective gloves, protective clothing, eye and face protection.

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

**Storage:** Not applicable.



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**Disposal:** Dispose of contents/container in accordance with local, regional, national and/or international regulations in force.

**Other hazards:** Not applicable.

See toxicological information, section 11

### 3. Composition/Information on ingredients

No	CAS No	Common name and synonyms	Concentration (W/W)
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### 4. First-aid measures

**If swallowed, irritation, any type of overexposure or symptoms of overexposure occur during use of the product or persists after use, immediately contact a POISON CENTER, an EMERGENCY ROOM or a PHYSICIAN; ensure that the product safety data sheet is available.**

**Eye contact:** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 5 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

**Skin contact:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse.

**Inhalation:** Move exposed person to fresh air. Keep this person warm and lying down. Loosen tight clothing such as a collar, tie, belt or waistband. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention immediately.

**Ingestion:** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.



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**Symptoms:** No known symptoms.

**Effects (acute or delayed):** If ingested in large quantities may cause gastro-intestinal disorders.

**Immediate medical attention and special treatment:** No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

## 5. Fire-fighting measures

**Suitable extinguishing media:** Use dry chemical, CO<sub>2</sub>, water spray (fog) or foam.

**Unsuitable extinguishing media:** Jets of water can facilitate the spread of fire.

**Specific hazards arising from the hazardous product:** No specific hazard.

**Hazardous combustion products:** Carbon monoxide and dioxide.

**Special protective equipment and precautions for fire-fighters:** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.



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### 6. Accidental release measures

**Personal precautions:** No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing mist. Put on appropriate personal protective equipment (see Section 8).

**Protective equipment and emergency procedures:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

**Methods and materials for containment and cleaning up:** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container.

### 7. Handling and storage

**Precautions for safe handling:** Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid exposure - obtain special instructions before use. Avoid contact with eyes, skin and clothing. Do not ingest. Avoid breathing mist. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

**Conditions for safe storage:** Store in accordance with local regulations. Store in original container away from incompatible materials (see section 10), food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

**Incompatibility:** Strong acids and bases. Oxidizing agents.



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### 8. Exposure controls/Personal protection

No	CAS No	Common name and synonyms	IDHL mg/m3	TWA mg/m3	STEL mg/m3	CEIL mg/m3
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IDHL: Immediately Dangerous to Life or Health Concentrations

TWA : Time Weighted Average

STEL: Short -Term Exposure Limit

CEIL: Ceiling Limit

**Appropriate engineering controls:** Use only outside.

**Individual protection measures:** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

**Eyes:** DO NOT WEAR CONTACT LENSES Wear anti-splash safety goggles.

**Hands:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties.

**Respiratory:** If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.

**Others:** Wear protective clothing with long sleeves and appropriate safety shoes at all times.

### 9. Physical and chemical properties

**Physical state:** Liquid

**Colour:** Dark brown

**Odour:** Coffee

**Odour threshold:** Not available

**pH:** 8,2-8,5

**Melting/Freezing point:** -50 °C (-58 °F)

**Initial boiling point/boiling range:** > 100 °C (212 °F)

**Flash point:** Not applicable

**Lower flammable/explosive limit:** Not applicable

**Upper flammable/explosive limit:** Not applicable

**Auto-ignition temperature:** Not applicable

**Evaporation rate:** Not applicable

**Vapour pressure:** Not applicable

**Vapour density:** Not applicable

**Specific gravity:** 1,305 kg/L at 20 °C (water = 1)

**Solubility in water:** Soluble

**Partition coefficient - n-octanol/water:** Not available

**Decomposition temperature:** Not available

**Kinematic viscosity:** < 14 mm<sup>2</sup>/s (à 40 °C)

### 10. Stability and reactivity

**Reactivity:** Stable under recommended conditions of storage and handling.

**Chemical stability:** The product is chemically stable under normal conditions of use.

**Possibility of hazardous reactions:** No dangerous or polymerization reactions will not occur under normal conditions of use.

**Conditions to avoid:** Keep away from incompatibles.

**Incompatible materials:** None known.

**Hazardous decomposition products:** Carbon monoxide and dioxide.

### 11. Toxicological information

No	CAS No	Common name and synonyms	(1) LD oral	(2) LD skin	(3) LD skin	(4) LC gases	(5) LC vapours	(6) LC dusts-mist

- (1) LD<sub>50</sub> oral mg/kg
- (2) LD<sub>50</sub> skin mg/kg
- (3) LD<sub>50</sub> skin mg/kg
- (4) LC<sub>50</sub> inhalation ppmV 4h gases
- (5) LC<sub>50</sub> inhalation mg/l 4h vapours
- (6) LC<sub>50</sub> inhalation mg/l 4h dusts-mist

**Routes of exposure:** This product is absorbed by the digestive tract.

**Symptoms:** No known symptoms.

**Delayed and immediate effects:** If ingested in large quantities may cause gastro-intestinal disorders.

No	CAS No	Common name and synonyms	IARC	ACGIH	Mutagenicity	Effect on reproduction

**Cancer classification under IARC (International Agency for Research on Cancer): Nil**

**Cancer classification under ACGIH (American Conference of Governmental Industrial Hygienists): Nil**

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### 12. Ecological information

No	CAS No	Common name and synonyms	%	Persistent	Bio-accumulation	Aquatic ecotoxicity

No	CAS No	Common name and synonyms	%	Ecotoxicity for aquatic organisms-Short term	Ecotoxicity for aquatic organisms-Long term	Environmental effects

### 13. Disposal considerations

**Methods of disposal:** The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

### 14. Transport information

	TDG	DOT	IMDG	IATA
UN number				
Proper shipping name	Not regulated	Not regulated	Not regulated	Not regulated
Transport hazard class(es)				
Packing group				

**Other information**

**Marine pollutant:** No

**IMDG:** Not applicable

**Exemption for limited quantity:** Not applicable

**Special precautions:** Not applicable





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Others exemptions: Not applicable

### 15. Regulatory information

#### Canada

No	CAS No	Common name and synonyms	%	DSL	NDSL	NPRI
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#### United-States

No	CAS No	Common name and synonyms	%	TSCA	PROP-65	Right to Know
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All ingredients are listed on the EINECS or in compliance with the inventory.

The customer is responsible for determining the PPE (personal protection equipment) code for this material.

The classification of the product and the SDS were developed in accordance with HPR and HazCom 2012.

### 16. Other information

**Date:** 2019-05-15

**Version:** 1

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