

# SAFETY DATA SHEET

## *Enhance Spray Adjuvant*

Date of Issue: May 31, 2018

### SECTION 1: IDENTIFICATION

**Product name:** Enhance

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**Product use:** Agricultural non-ionic surfactant

**Registration number:** 29270 Pest Control Product Act

**Restriction on use:** None known

**Additional Product Information:** 519-821-3633

**In Case of Emergency, Call: 613-787-5620 All hours**

### SECTION 2: HAZARDS IDENTIFICATION

**Hazard Statements:** Causes mild skin irritation.  
Causes eye irritation.  
Contains the allergen soy.

**Signal Word:** CAUTION

**Precautionary Statements: Prevention**  
Keep out of reach of children.  
Read label before use.  
Avoid contact with skin.  
Wear protective gloves, protective clothing and eye protection.  
Wash hands thoroughly after handling.

**Response**

IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do, continue rinsing.

If eye irritation persists: Get medical attention

If skin irritation occurs: Get medical attention.

**Storage**

Store away from food, drink and feedstuffs.

**Disposal**

Dispose of contents and containers to comply with applicable regulations.

**Physical Hazards Not Otherwise Classified:** None known

**Health Hazards Not Otherwise Classified:** None known

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	% (w/w)
Triglyceride ethoxylate 10 POE	61791-23-9	60 – 100

**Common Name:** None

**Synonyms:** None

## SECTION 4: FIRST-AID MEASURES

**IF SWALLOWED:** Call a Poison Control Centre or Doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless told to do so by a Poison Control Center or Doctor. Do not give anything by mouth to an unconscious person.

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or Doctor for treatment advice.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lens, if present after the first 5 minutes and then continue rinsing eye. Call a Poison Control Center or Doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably mouth –to-mouth if possible. Call a Poison Control Center or Doctor for treatment advice.

**Most Important Symptoms and Effects, Acute and Delayed:**

**If inhaled:** Mists may cause respiratory irritation.

**If on skin or in eyes:** May cause mild skin irritation.

**If swallowed:** May cause gastrointestinal tract irritation.

**Indication of any immediate medical attention and special treatment needed:** There is no specific antidote, treat symptomatically.

## SECTION 5: FIRE-FIGHTING MEASURES

**Suitable Extinguishing media:** For large fires, apply aqueous film forming foam or water in the form of a fog. For small fires, use carbon dioxide or dry chemical.

**Unsuitable Extinguishing media:** Water stream may spread flames.

**Specific Hazards arising from the substance or mixture:** Contain fire-fighting water for disposal if contaminated with product.

**Special Protective Equipment and Precautions for Fire-fighters:** Wear self-contained breathing apparatus and impervious clothing. Minimize the amount of water used and contain the run-off from entering water supplies or the environment by dyking.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear personal protective equipment as described in Section 8.

**Environmental Precautions:** Do not allow product to enter sewers, ground water or any water course. Inform applicable government authority if release is reportable or could adversely affect the environment.

**Methods and Materials for Containment and Cleaning Up:** Wash with heavy duty detergent to reduce slip hazard. Absorb spilled material with suitable liquid binding material and place in suitable containers for disposal. Dispose of contaminated material as waste according to Section 13.

## SECTION 7: HANDLING AND STORAGE

**Precaution for Safe Handling:** Do not breathe mists. Avoid contact with eyes, skin and clothing. Wear appropriate personal protective equipment. Wash thoroughly after use. If clothing becomes contaminated, wash thoroughly before re-use.

**Conditions for Safe Storage:** Store in a cool, well ventilated area. Keep away from food, drink and feed stuffs. Keep out of reach of children and pets.

**Storage temperature:** Store between 5 and 40°C. Do not allow product to freeze.

**Ingredients with Workplace Control Parameters:**

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients	CAS Number	Value/Form of Exposure	Permissible Concentration
No occupational exposure limits known.			

**Appropriate Engineering Controls:** Provide local exhaust and/or adequate ventilation.

**Individual Protection Measures:**

**Eye protection:** Use chemical safety goggles.

**Skin protection:** Chemical-resistant gloves and protective clothing that is impervious under conditions of use.

**Respiratory protection:** If misting conditions exist, use NIOSH/MSHA approved respirator.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Clear yellow liquid
<b>Odour:</b>	Fatty acid odour
<b>Odour Threshold:</b>	Not determined
<b>pH:</b>	6.0 to 7.0
<b>Melting point/Freezing Point:</b>	Not determined
<b>Initial Boiling Point/Range:</b>	Not determined
<b>Flash Point:</b>	>93.3°C
<b>Evaporation rate (ether=1):</b>	Not determined
<b>Flammability (Solid or gas):</b>	Not applicable
<b>Lower flammability or explosive limit:</b>	Not determined
<b>Upper flammability or explosive limit:</b>	Not determined
<b>Vapour pressure (mm Hg at 20°C):</b>	Not determined
<b>Vapour density (air=1):</b>	Not determined
<b>Specific gravity:</b>	0.98 at 20°C
<b>Solubility (water):</b>	Dispersible in water
<b>Solubility (other):</b>	No data
<b>Partition coefficient (n-octanol/water):</b>	No data
<b>Auto-ignition temperature:</b>	No data
<b>Decomposition temperature:</b>	No data
<b>Viscosity:</b>	Not determined

## SECTION 10: STABILITY AND REACTIVITY

<b>Reactivity:</b>	Not reactive. Not sensitive to mechanical impact.
<b>Chemical stability:</b>	Stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	None expected.
<b>Conditions to avoid:</b>	Prolonged storage at high temperatures can cause decomposition.
<b>Incompatible materials:</b>	Strong oxidizing agents, acids and bases.
<b>Hazardous decomposition products:</b>	May produce carbon oxides and irritating gases.

## SECTION 11: TOXICOLOGICAL INFORMATION

**Likely Routes of Exposure:** Eyes, skin, ingestion, and inhalation.

**Acute Toxicity:**

Oral LD<sub>50</sub> (rat) = >5000 mg/Kg

Dermal LD<sub>50</sub> (rabbit) = >5000 mg/Kg

Inhalation LC<sub>50</sub> (rat) = No data.

**Delayed and Immediate Effects:**

**Inhalation:** Misting conditions may cause respiratory irritation.

**Skin contact:** May cause mild skin irritation. May cause an allergic reaction.

**Eye contact:** Direct contact may cause eye irritation.

**Ingestion:** May cause gastrointestinal tract irritation.

**Respiratory or skin sensitization:** Not a sensitizer.

**Aspiration Hazard:** None known.

**Chronic Effects:** None known

**Carcinogenicity:** The ingredients in this product are not classified as carcinogenic by the ACGIH, IARC, OSHA and NTP.

**Mutagenicity:** No data

**Reproductive effects:** No data

**Other information:** None known

## SECTION 12: ECOLOGICAL INFORMATION

**Ecotoxicity:** Not expected to be harmful to aquatic life. Do not apply directly to freshwater habitats.

**Persistence and Degradability:** Not determined

**Bioaccumulative Potential:** No data available.

**Mobility in Soil:** Not determined

**Other Adverse Effects:** No data available.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Container Disposal:** Non-refillable container. Do not reuse. Triple rinse container and place rinse water into the spray tank. If available, offer for recycling or puncture and dispose of in a sanitary landfill, or by other procedures approved by provincial and local authorities.

**Waste Disposal:** Dispose of waste material at an approved (hazardous) waste treatment/disposal facility in accordance with applicable local, provincial and federal regulations. Do not dispose of waste with normal garbage or to sewer systems.

## SECTION 14: TRANSPORT INFORMATION

**Canadian TDG classification:** Not regulated

**Transportation Emergency Telephone Number:** 613-787-5620.

**Special Precautions:** None known.

**Marine Pollutant:** No

## SECTION 15: REGULATORY INFORMATION

**WHMIS Classification:** This product is registered under the *Pest Control Product Act* and is exempt from the requirements of WHMIS

**Domestic Substance List (DSL):** All ingredients are listed on the DSL

**CEPA – National Pollutant Release Inventory:** Not listed on the NPRI

## SECTION 16: OTHER INFORMATION

The information contained herein is offered only as a guide to the handling of this specific material and has been prepared in good faith by technically knowledgeable personnel. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and Norac Concepts Inc. will not be liable for any damages, losses, injuries or consequential damages which may result from the use of or reliance on any information contained herein.

**SDS Prepared By:** Norac Concepts Inc  
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