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# **LIBERATE™ ADJUVANT**

**Emulsifiable Concentrate**

**COMMERCIAL**

**READ THE LABEL BEFORE USING**

**WARNING: SKIN IRRITANT  
EYE IRRITANT**

**REGISTRATION NO. 29491  
PEST CONTROL PRODUCTS ACT**

**GUARANTEE:  
Lecithin, methyl esters of fatty acids  
and alcohol ethoxylate.....100%**

**Warning, contains the allergen soy**

**IN CASE OF EMERGENCY DUE TO A MAJOR SPILL, FIRE OR POISONING  
INVOLVING THIS PRODUCT CALL DAY OR NIGHT, 1-800-561-8273**

**Loveland Products, Inc.**

**Loveland Products Canada Inc.  
PO Box 5234 | 64137 Hwy 543 E  
High River, AB T1V 1M4  
1-800-328-4678**

**NET CONTENTS: 10 L**

## DIRECTIONS FOR USE

LIBERATE ADJUVANT is a non-ionic surfactant product which enhances the effectiveness of post applied herbicides and fungicide listed on this label. Use LIBERATE ADJUVANT as the required non-ionic surfactant as directed by the tank mix partners listed on this label.

MIXING INSTRUCTIONS: Fill the spray tank about half-full with water and add the required herbicide(s) or fungicide while agitator is running or bypass agitation is operating. Complete the filling of the tank with water and finally add LIBERATE ADJUVANT under constant agitation. Refer to specific tank mix herbicide(s) or fungicide labels for more details.

Apply LIBERATE ADJUVANT at the application rate specified below.

Crop	Tank Mix Partners	Amount of LIBERATE ADJUVANT	Remarks
Field Corn	Ultim + Distinct	0.25% v/v (2.5L/1000L spray mixture)	<b>Ultim Total Tank Mix</b> Mix products as directed on the tank mix partner labels.
	Accent + Distinct	0.25% v/v (2.5L/1000L spray mixture)	<b>Accent Total Tank Mix</b> Mix products as directed on the tank mix partner labels.
	Elim + Dual II Magnum+ Banvel II	0.2% v/v (2.0L/1000L spray mixture)	<b>Battalion Tank Mix</b> Mix products as directed on the tank mix partner labels.
	Accent + Peak + Banvel II	0.2% v/v (2.0L/1000L spray mixture)	Mix products as directed on the tank mix partner label.
	Ultim + Aatrex 480 + Callisto	0.2% v/v (2.0L/1000L spray mixture)	Mix products as directed on the tank mix partner label.
Soybeans	Pursuit	0.25% v/v (2.5L/1000L spray mixture)	Mix products as directed on the tank mix partner label.
	Reflex	0.1% v/v (1.0L/1000L spray mixture)	Mix products as directed on the tank mix partner label.
Canola	Pursuit	0.25% v/v (2.5L/1000L spray mixture)	Mix products as directed on the tank mix partner label.
	Odyssey	0.25% v/v (2.5L/1000L spray mixture)	<b>Imazethapyr and imazamox tolerant canola (e.g. canola varieties with the Clearfield trait) only.</b> Mix

			products as directed on the tank mix partner label.
Field Peas	Pursuit	0.25% v/v (2.5L/1000L spray mixture)	Mix products as directed on the tank mix partner label.
	Odyssey	0.25% v/v (2.5L/1000L spray mixture)	Mix products as directed on the tank mix partner label.
Wheat	Everest	0.25% v/v (2.5L/1000L spray mixture)	Mix products as directed on the tank mix partner label.
	Refine Extra	0.2% v/v (2.0L/1000L spray mixture)	Mix products as directed on the tank mix partner label.
	Nimble	0.2% v/v (2.0L/1000L spray mixture)	Mix products as directed on the tank mix partner label.
	Adrenalin	0.25% v/v (2.5L/1000L spray mixture)	<b>Imzamox tolerant wheat (e.g. wheat varieties with the Clearfield trait) only.</b> Mix products as directed on the tank mix partner label.
	Folicur 432F	0.125% v/v (1.25L/1000L spray mixture)	Mix products as directed on the tank mix partner label.
Wheat, Barley and Creeping Red Fescue, Orchard Grass, Crested and Intermediate Wheat Grass, Pasture and Rangeland	Accurate	0.25% v/v (2.5L/1000L spray mixture)	Mix products as directed on the tank mix partner label.
Wheat Barley, Summer Fallow	Nuance	0.25% v/v (2.5L/1000L spray mixture)	Mix products as directed on the tank mix partner label.
As per the herbicide label	Curtail M Herbicide	0.25% v/v (2.5L/1000L spray mixture)	Mix products as directed on the tank mix partner label.

As per the herbicide label	Lontrel 360 Herbicide	0.25% v/v (2.5L/1000L spray mixture)	Mix products as directed on the tank mix partner label.
As per the herbicide label	Pardner Herbicide	0.25% v/v (2.5L/1000L spray mixture)	Mix products as directed on the tank mix partner label.

Follow the tank mix partner labels for complete use instructions and precautions.

## **DIRECTIONS FOR USE WITH GLYPHOSATE:**

### **1. PENETRATING SURFACTANT**

<b>USE</b>	<b>RATE</b>	<b>REMARKS</b>
Use with any glyphosate product whose label does not prohibit the use of an alternative non-ionic surfactant.	Use 0.25-0.5% V/V (2.5 L - 5 L of Liberate Adjuvant per 1000 L spray mixture or 250 ml – 500 ml of Liberate Adjuvant per 100 L of spray mixture)	<p>Include Liberate Adjuvant in the spray solution with glyphosate only where a non-ionic surfactant is required and at the non-ionic surfactant rate specified on the glyphosate product label and that is within 0.25-0.5% v/v.</p> <p>Follow all directions and precautions on the tank mix partner label.</p>

### **2. DEPOSITION AID, DRIFT REDUCTION AGENT**

<b>USE</b>	<b>RATE</b>	<b>REMARKS</b>
Use with any glyphosate product whose label does not prohibit the use of an alternative non-ionic surfactant.	Use 0.25-0.5% V/V (2.5 L - 5 L of Liberate Adjuvant per 1000 L spray mixture)	<p>Liberate Adjuvant improves deposition and reduces drift potential by producing a more uniform spray pattern. Liberate Adjuvant reduces the incidence of small droplets. Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist).</p> <p>Follow all directions and precautions on the tank mix partner label.</p>

## **PRECAUTIONS**

KEEP OUT OF REACH OF CHILDREN.

Causes skin irritation. DO NOT get on skin. May irritate eyes. Avoid contact with eyes.

CAUTION: Do not graze the treated crops or cut for hay; there is not sufficient data available to support such use.

### **FIRST AID**

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control centre or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

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 centre or doctor. Do not give anything by mouth to an unconscious person.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

### **TOXICOLOGICAL INFORMATION**

Treat symptomatically.

### **STORAGE**

Container must be tightly closed during storage. The minimum recommended storage temperature for this material is 0°C (32°F). If allowed to freeze, warm to 21°C (70°F) and shake well.

### **DISPOSAL**

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for cleanup of spills.

### **Recyclable containers**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local

distributor/dealer or municipality for the location of the nearest collection site.

Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

### **Returnable containers**

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

### **Refillable containers**

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *PEST CONTROL PRODUCTS ACT* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

All product names are registered trademarks of their respective companies.