

**READ SAFETY DIRECTIONS  
BEFORE OPENING OR USING**

# **GRAVITATE<sup>+</sup> 707**

## **SPRAY ADJUVANT**

**ACTIVE CONSTITUENTS:**  
340g/L VEGETABLE OIL ESTER  
225g/L SOYAL PHOSPHOLIPIDS  
142g/L CITRIC ACID

**Acidifying and penetrating adjuvant  
Assists in Management of Spray Droplet Size  
For use with Glyphosate and certain other herbicides**

**VICCHEM**  
*The Right Chemistry*

pH &gt; 5.0

# GRAVITATE<sup>†</sup> 707

## SPRAY ADJUVANT

### DIRECTIONS FOR USE:

Restraints: Consult any spray drift buffer zones provided on the label of product(s) used in the tank mix. DO NOT use with copper products.

SITUATION	RATE/100L	CRITICAL COMMENTS
Addition to herbicides to improve spreading and penetration. <b>Glyphosate, 2,4-D, MCPA</b>	250-500mL	Use high rate on stressed or difficult to control weeds or when using in hard water.
In-crop or Over-The-Top (OTT) use in XtendFlex <sup>®</sup> cotton varieties for Roundup <sup>®</sup> Ready PL Herbicide with Plantshield <sup>®</sup> Technology	500mL	
Assist management of fine droplets produced from hydraulic nozzles by air and ground.	250-500mL	GRAVITATE 707 Spray Adjuvant may reduce the fine droplets associated with, but not eliminate off-target movement. This is contingent upon good agricultural spraying practice and appropriate nozzle choice. Refer to Vicchem for further advice and stewardship.

**NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.**

### GENERAL INSTRUCTIONS

GRAVITATE 707 can be used where the addition of a wetter/spreader or self-emulsifying oil is required or recommended on the agricultural chemical label.

**Penetration and Wetter:** GRAVITATE 707 is a multipurpose adjuvant which is composed of natural surfactants and penetrants derived from vegetable oils. These are combined with citric acid to produce a penetrant, surfactant, acidifier for use with herbicides. The unique properties of GRAVITATE 707 enhance the uptake of many systemic herbicides, allowing them to effectively penetrate into leaves.

**Acidification and hard water:** GRAVITATE 707 will reduce pH of most spray water to between 4 and 5 which assists with the uptake of weak acid herbicides. GRAVITATE 707 contains citric acid which complexes hard water ions known to reduce the efficacy of glyphosate and other herbicides.

**Droplet size management:** GRAVITATE 707 will reduce the number of fine droplets (<150 micron) produced by flat fan nozzles. GRAVITATE 707 will reduce the fine droplets associated with, but not eliminate, off-target movement of the pesticide being used. This is contingent upon good agricultural spraying practice and appropriate nozzle choice. DO NOT use in situations that are conducive to drift. Refer to Victorian Chemicals representative for further advice and stewardship.



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**Mixing:** Half fill the spray tank with water and commence agitation. Add the required quantity of GRAVITATE 707 then add the recommended quantity of herbicide. Maintain agitation until completion of spraying.

### PRECAUTIONS

Re-entry: Consult any re-entry instructions provided on the label of product(s) used in the tank mix.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Toxic to aquatic life. DO NOT contaminate wetlands or watercourses with the chemical or used containers.

### STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

### CONTAINERS WITHOUT DRUMMUSTER 110 - 1000L

Triple-rinse containers before disposal. Add rinsings to spray tank. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point.

If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product. CONTAINERS WITH DRUMMUSTER LOGO 5 - 20L

This container can be recycled if it is clean, dry, free of visible residues and has the drumMUSTER logo visible. Triple-rinse container for disposal. Dispose of rinsate by adding it to the spray tank. Do not dispose of undiluted chemical on site. Wash outside of the container and the cap. Store cleaned container in a sheltered place with cap removed. It will then be acceptable for recycling at any drumMUSTER collection or similar container management program site. The cap should not be replaced, but may be taken separately.

### SAFETY DIRECTIONS

Will irritate eyes and skin. May irritate the nose and throat. Avoid contact with eyes and skin. Avoid inhaling vapour. When using together with other products, consult their label safety directions. When opening the container and using the product wear chemical resistant clothing buttoned to neck and wrist and washable hat, chemical resistant elbow length gloves and face shield or goggles. If product on skin immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. After each days use wash gloves, face shield or goggles and contaminated clothing.

### FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26, New Zealand 0800 764 766. May cause an allergic skin reaction

### MATERIAL SAFETY DATA SHEET

For further information refer to the Material Safety Data Sheet which can be obtained from the supplier.

### CONDITIONS OF SALE

VICTORIAN CHEMICAL COMPANY PTY. LIMITED accepts no responsibility for any consequences whatsoever arising from the use of this product except responsibility imposed under any applicable law. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this product on these conditions.

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For applicable packs

pH &lt; 5.0