

Approved Master Copy (renewal [2009-3091]), September 29, 2009

MERGE® ADJUVANT

A blend of surfactant with petroleum hydrocarbons for application with various herbicides

COMMERCIAL (AGRICULTURAL)

GUARANTEE: Surfactant blend 50%
Solvent (petroleum hydrocarbons) 50%

REGISTRATION NO. 24702

PEST CONTROL PRODUCTS ACT

**IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT
1-800-454-2673**



WARNING

POISON

SKIN IRRITANT

NET CONTENTS: 8.1 L

READ THE LABEL AND BOOKLET BEFORE USING

SHAKE WELL BEFORE USING

KEEP OUT OF REACH OF CHILDREN.

BASF Canada Inc.
100 Milverton Drive, 5th Floor
Mississauga, Ontario
L5R 4H1
1-877-371-2273

MERGE® is a registered trademark of BASF Canada Inc.

DIRECTIONS FOR USE

MERGE Adjuvant is a blend of surfactant and petroleum hydrocarbons designed for use with various herbicide sprays. Refer to the herbicide label for detailed use instructions and restrictions.

MERGE Adjuvant can be used with the following herbicides:

Accord Herbicide Dry Flowable

Assert SG Herbicide

Assure II Herbicide

Odyssey WDG Herbicide

Poast Ultra Herbicide

Solo WDG Herbicide

Sundance Herbicide

Product	Tank Mix	Crop(s)	Amount of MERGE Adjuvant	Water Volume (L/ha)	Weeds Controlled
Solo WDG Herbicide	NA	Field peas Imazethapyr tolerant canola	0.5%	100	Labelled broadleaf and grass weeds
Odyssey WDG Herbicide	NA	Field peas Imazethapyr tolerant canola	0.5%	100	Labelled broadleaf and grass weeds
	Lontrel 360	Imazethapyr tolerant canola	0.5%	100	Labelled broadleaf and grass weeds and Canada thistle
Accord Herbicide Dry Flowable	NA	Wheat Spring barley (for feed only) Canary seed	1.0%	100	Labelled weeds
	MCPA Amine MCPA Ester Buctril M Refine Extra	Barley (for feed only)	1.0%	100	Labelled weeds plus additional broadleaf weeds
	Buctril M 2,4-D Amine 2,4-D Ester MCPA Amine MCPA Ester Refine Extra Express Pack	Wheat (spring and durum)	1.0%	100	Labelled weeds plus additional broadleaf weeds

Product	Tank Mix	Crop(s)	Amount of MERGE Adjuvant	Water Volume (L/ha)	Weeds Controlled
	Avenge 200-C Avenge 200-C + Buctril M Avenge 200-C + 2,4-D Ester Avenge 200-C + MCPA Ester Avenge 200-C + Refine Extra	Wheat (spring only)	1.0%	100	Labelled weeds plus additional broadleaf weeds
Assert SG Herbicide	NA	Spring wheat Durum wheat Spring barley	0.5%	100	Labelled weeds including wild oats
	Estaprop 2,4-D Ester MCPA Ester Refine Extra Refine Extra + MCPA Ester	Spring wheat Durum wheat Spring barley	0.5%	100	Labelled weeds including wild oats
Poast Ultra Herbicide	NA	Various crops as labelled	0.5-1.0%	50-200	Labelled weeds
	Buctril M Lontrel 360 Lontrel 360 + MCPA Ester MCPA Ester	Flax (including low linolenic acid varieties)	0.75-1.0%	50-200	Labelled weeds
	Muster + Lontrel 360 Lontrel 360 Muster	Canola (rapeseed)	0.75-1.0%	50-200	Labelled weeds
	Pursuit	Canola (imazethapyr tolerant)	1.0%	50-200	Labelled weeds
Muster Herbicide Dry Flowable	Assure II	Spring canola	0.5-1.0%	100	Labelled broadleaf and grass weeds

Product	Tank Mix	Crop(s)	Amount of MERGE Adjuvant	Water Volume (L/ha)	Weeds Controlled
Assure II Herbicide	NA	Canola Flax (including low linolenic acid) Soybeans Lentils Peas (field & processing) Seedling legumes for seed production Beans (pinto, navy, white, white kidney, red kidney, cranberry, black, brown eye, yellow eye, lima, mung, adzuki) Rutabaga	0.5-1.0%	100	Labelled grass weeds; use the high rate of MERGE Adjuvant when wild oats or quackgrass are the main target weeds or under conditions not conducive to good growth
	Muster	Canola	0.5-1.0%	100	Labelled broadleaf and grass weeds
Sundance Herbicide	NA	Spring wheat	0.5 L/ha	50-100	Labelled broadleaf and grass weeds
	2,4-D Ester Pardner EC MCPA Ester Buctril M	Spring wheat	0.5 L/ha	50-100	Labelled broadleaf and grass weeds

MIXING

1. Thoroughly clean the sprayer prior to use. **For appropriate cleaning instructions, refer to the label of the product sprayed previously.**
2. Fill spray tank half full with clean water. Start agitation system.
3. Add to the tank, if required (refer to instructions on tank mixtures) **MUSTER** Herbicide. Agitate for 2 to 3 minutes. **Note:** Always add **MUSTER** Herbicide to clean water. When refilling the tank for repeated spray applications, add **MUSTER** Herbicide to a small container of clean water, mix well to form a slurry, then add to the spray tank.
4. Add the correct amount of herbicide(s) and **MERGE Adjuvant** and continue filling.
5. After filling, continue agitation.

SPRAYER CLEAN-OUT

For all herbicides (except **MUSTER**) with **MERGE Adjuvant**, follow steps 1 to 4 and consult each herbicide label. For **ASSURE Herbicide + MUSTER Herbicide** with **MERGE Adjuvant** tank mix, follow the sprayer clean-out directions on the **MUSTER Herbicide** label.

1. Immediately after use, thoroughly clean the sprayer by completely filling spray tank with clean water while adding 1 litre of ammonia (containing 3% ammonia) per 100 litres of water. Agitate to mix water and ammonia. Reduce amount of ammonia added proportionally if higher concentrations of ammonia are used. Flush solution through boom and nozzles and then add more water to completely refill the tank. Agitate the solution for at least 15 minutes and then flush the boom and nozzles until the spray tank is empty.
2. Remove the nozzles and screens and clean separately in a bucket containing a cleaning agent and water.
3. Fill spray tank half full with clean water.
4. Agitate to thoroughly rinse the tank and flush the water through the boom.

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Do not take internally. Harmful if swallowed or absorbed through the skin.
3. Skin irritant. Avoid inhalation of vapour or spray mist and contact with eyes, skin or clothing.
4. Wash thoroughly after handling and before eating, drinking or smoking.
5. Wear protective equipment and clothing including goggles or face shield, gloves (rubber, PVC, neoprene or nitrile), hat, long sleeved shirt, trousers and rubber boots.
6. If clothing becomes contaminated, remove and wash separately from household laundry before re-use.
7. Clean spray equipment thoroughly after use.
8. This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination of aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning of equipment.

DISPOSAL

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 any 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.

STORAGE

1. Store in original tightly-closed container and do not allow water to be introduced to this container.
2. Do not ship or store near food, feed, seed or fertilizers.
3. Store product in cool, dry, locked, well ventilated area without floor drain.
4. Herbicides should be shipped or stored separately from other pesticides to avoid cross contamination.
5. Product must be stored at temperatures above 5°C (40°F).

FIRST AID

If swallowed: Call a poison control centre or doctor IMMEDIATELY for treatment advice. **DO NOT** induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

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 inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further 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.

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

TOXICOLOGICAL INFORMATION

This product contains a petroleum distillate. Treat symptomatically.

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.