

MERGE® ADJUVANT

EMULSIFIABLE CONCENTRATE

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: 4 L to 200 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 trade-mark 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® Dry Flowable Herbicide
 Accord® WSB Herbicide
 Equinox® EC Herbicide

Eragon®
 Heat® WG
 Impact® Herbicide

Odyssey® WDG Herbicide
 Poast®Ultra Herbicide
 Solo® WDG Herbicide

| Product | Tank Mix | Crop(s) | Amount of MERGE Adjuvant | Water Volume (L/ha) | Weeds Controlled |
|-------------------------------|-----------------------------|--|--------------------------|---------------------|---|
| Accord Dry Flowable Herbicide | NA | Wheat (spring and durum), spring barley, canary seed | 1.0% | 100 | Labelled weeds |
| | MCPA Amine | Barley | 1.0% | 100 | Labelled weeds plus additional broadleaf weeds |
| | MCPA Ester | | | | |
| | Buctril® M | | | | |
| | Refine® Extra | | | | |
| | Buctril M | Wheat (spring and durum) | 1.0% | 100 | Labelled weeds plus additional broadleaf weeds |
| | 2,4-D Amine | | | | |
| | 2,4-D Ester | | | | |
| | MCPA Amine | | | | |
| | MCPA Ester | | | | |
| | Refine Extra | | | | |
| | Express® Pack | Wheat (spring only) | 1.0% | 100 | Labelled weeds, wild oats plus additional broadleaf weeds |
| | 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 | Canary seed | 1.0% | 100 | Labelled weeds plus additional broadleaf weeds |
| Buctril M | | | | | |

| Product | Tank Mix | Crop(s) | Amount of MERGE Adjuvant | Water Volume (L/ha) | Weeds Controlled |
|-----------------------------|----------------------------|--|--------------------------|--|---|
| Accord WSB Herbicide | NA | Wheat (spring and durum), spring barley, canary seed | 1.0% | 100 | Labelled weeds |
| | MCPA Amine | Barley | 1.0% | 100 | Labelled weeds plus additional broadleaf weeds |
| | MCPA Ester | | | | |
| | Buctril M | | | | |
| | Refine Extra | | | | |
| | Buctril M | Wheat (spring and durum) | 1.0% | 100 | Labelled weeds plus additional broadleaf weeds |
| | 2,4-D Amine | | | | |
| | 2,4-D Ester | | | | |
| | MCPA Amine | | | | |
| | MCPA Ester | | | | |
| | Refine Extra | | | | |
| | Express Pack | Wheat (spring only) | 1.0% | 100 | Labelled weeds, wild oats plus additional broadleaf weeds |
| | 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 | Canary seed | 1.0% | 100 | Labelled weeds plus additional broadleaf weeds | |
| Buctril M | | | | | |
| Equinox EC Herbicide | NA | Canola (all types, including Clearfield ® Canola), Clearfield Canola Quality <i>Brasica juncea</i> , chickpea, dry beans, dry pea, flax (including low linolenic acid varieties), lentils (including Clearfield Lentils), mustard (brown, oriental and yellow), sunflower (all types, including Clearfield Sunflowers) | 0.5% | 50 - 100 | Labelled grass weeds, quackgrass |
| | Odyssey WDG | Field peas, Clearfield Canola, Clearfield Canola Quality <i>Brassica juncea</i> , Clearfield Lentils | 0.5% | 50 - 100 | Labelled annual grass weeds, quackgrass plus additional broadleaf weeds |
| | Buctril M | Flax (including low linolenic acid varieties) | 0.5% | 50 - 100 | Labelled annual grass weeds, quackgrass plus additional broadleaf weeds |

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|---------|---------------------------------|---|--------------------------|---------------------|---|
| | FlaxMax® | Flax (excluding low linolenic acid varieties) | 0.5% | 50 - 100 | Labelled annual grass weeds, quackgrass plus additional broadleaf weeds |
| | Liberty® 150 SN | LibertyLink® (glufosinate ammonium tolerant) canola | 0.5% | 50 - 100 | Labelled annual grass weeds, quackgrass plus additional broadleaf weeds |
| Eragon | NA | Barley, wheat (spring, winter, durum) | 1 L/ha | 100 - 200 | Labelled broadleaf weeds |
| | Glyphosate | Corn (field, sweet), soybeans | 1 L/ha | 100 - 200 | Labelled broadleaf weeds plus additional weeds |
| | Glyphosate + Pursuit® Herbicide | Soybeans | 1 L/ha | 100 - 200 | Labelled broadleaf weeds plus additional weeds |
| Heat WG | NA | Barley, canary seed, chemfallow, chickpea Kabuli, corn (field, sweet), lentils, oats, peas (dried field), soybeans, wheat (spring, durum, winter) | 0.5 L/ha | 50 - 100 | Labelled broadleaf weeds |
| | Glyphosate | Barley, canary seed, chemfallow, chickpeas, corn (field, sweet), oats, peas (dried field), lentils (including Clearfield Lentils), wheat (spring, durum, winter), soybeans | 0.5 L/ha | 50 - 100 | Labelled broadleaf weeds plus additional weeds |

| Product | Tank Mix | Crop(s) | Amount of MERGE Adjuvant | Water Volume (L/ha) | Weeds Controlled |
|-----------------------|-------------------------------|--|--------------------------|---------------------|---|
| Impact Herbicide | NA | Field corn (conventional and herbicide tolerant hybrids), sweet corn and seed corn (hybrids and inbred lines) | 0.5% | 200 | Labelled broadleaf and grass weeds |
| | Aatrex® 480 OR Atrazine | Field corn, sweet corn and seed corn (hybrids and inbred lines) | 0.5% | 200 | Labelled broadleaf and grass weeds |
| | Atrazine + Frontier® | Field corn | 0.25% | 200 | Labelled broadleaf and grass weeds |
| Odyssey WDG Herbicide | NA | Field peas, fenugreek (seed uses only), Clearfield Canola (including Clearfield Canola quality <i>Brassica juncea</i>), Clearfield Lentils, soybeans (Western Canada only), seedling and established alfalfa grown for seed, bird's foot trefoil (seed production) | 0.5% | 50 - 100 | Labelled broadleaf and grass weeds |
| | Lontrel® 360 | Clearfield Canola | 0.5% | 50 - 100 | Labelled broadleaf and grass weeds and Canada thistle |
| | Equinox EC | Field peas, Clearfield Lentils | 0.5% | 50 - 100 | Labelled broadleaf and grass weeds, quackgrass, green foxtail, volunteer Clearfield wheat, volunteer barley, volunteer spring wheat, wild oats |
| Poast Ultra Herbicide | NA | Various crops as labelled | 0.25 - 2.0 L/ha | 25 - 200 | Labelled grass weeds |
| | Buctril M | Flax (including low linolenic acid varieties) | 0.5 - 2.0 L/ha | 50 - 200 | Labelled weeds plus additional weeds as listed |
| | Logic® M | | | | |
| | Lontrel 360 | | | | |
| | Lontrel 360 + MCPA Ester | | | | |
| | MCPA Ester | | | | |
| | Muster® + Lontrel 360 | Canola (rapeseed) | 0.5 – 2.0 L/ha | 50 - 200 | Labelled weeds plus additional weeds as listed |
| Lontrel 360 | | | | | |

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|--------------------|----------------|--|--------------------------|---------------------|--|
| | Muster | | | | |
| | Pursuit® 240 | Dry peas | 1.0 L/ha | 50 - 100 | Labelled weeds plus additional weeds as listed |
| | Liberty 150 SN | Glufosinate tolerant canola (e.g. canola varieties with the LibertyLink symbol) | 1.0 L/ha | 50 – 100 | Labelled weeds plus additional weeds as listed |
| Solo WDG Herbicide | NA | Clearfield Canola (including canola quality <i>Brassica juncea</i>), Clearfield Sunflowers, Clearfield Lentils | 0.5% | 100 | Labelled broadleaf and grass weeds |
| | Lontrel Dry | Clearfield Canola | 0.5% | 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 the correct amount of herbicide(s) and MERGE Adjuvant and continue filling.
4. After filling, continue agitation.

SPRAYER CLEAN-OUT

Follow the following steps and consult each herbicide label used:

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 an aromatic 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.

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. Vomiting may cause aspiration pneumonia. Treat symptomatically.

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 5⁰C (40⁰F).

DISPOSAL

For 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 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.

For Returnable-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.

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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.

ACCORD is a registered trade-mark of BASF Canada Inc.

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