

GROUP	1	HERBICIDE
-------	---	-----------

**EQUINOX® EC Herbicide**

Emulsifiable concentrate for post-emergence control of certain annual grasses and quackgrass in canola, chickpea, dry bean, dry pea, flax, lentils, mustard (brown, oriental and yellow), sunflower and **Clearfield®** Canola Quality *Brassica juncea*

FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND  
PEACE RIVER REGION OF BRITISH COLUMBIA ONLY

**COMMERCIAL (AGRICULTURAL)**

**GUARANTEE:** Tepraloxydim .....200 g/L

**REGISTRATION NO. 27603** **PEST CONTROL PRODUCTS ACT**

**READ THE LABEL AND THIS BOOKLET BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**

**WARNING - EYE AND SKIN IRRITANT**

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

**NET CONTENTS:** 1 L - 100 L

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

**Clearfield®** is a registered trade-mark of BASF Agrochemical Products B.V. and EQUINOX is a registered trade-mark of BASF SE, all used with permission by BASF Canada Inc.

©BASF Canada Inc., 2004

## GENERAL INFORMATION

**EQUINOX EC herbicide** is a selective, broad spectrum, emulsifiable concentrate herbicide for post-emergence control of certain annual grasses and quackgrass in canola (all types including **Clearfield** Canola<sup>1</sup> with the **Clearfield** trait), **Clearfield** Canola<sup>1</sup> Quality *Brassica juncea* (e.g. canola quality *Brassica juncea* varieties with the **Clearfield** trait), chickpea, dry common beans, dry pea, flax (including low linolenic acid varieties), lentils (including **Clearfield** Lentils<sup>1</sup> with the **Clearfield** trait), mustard (brown, oriental and yellow) and sunflower (all types including **Clearfield** Sunflower<sup>1</sup> with the **Clearfield** trait). (Refer to crop recommendations table for maximum rate permitted on crops).

**EQUINOX EC herbicide** does not control sedges or broadleaf weeds. This product does not provide residual weed control.

**EQUINOX EC herbicide** is a systemic herbicide that rapidly enters the target weed through its foliage and translocates throughout the plant. Thorough coverage of the foliage is important for consistent grass control. Once treated, growth is slowed to stopped generally within 2 days. The young leaves turn yellow within 5-10 days and some grass species develop a reddish coloration. Necrotic spots then form on the leaves followed by death. An easy method of detecting whether the treatment has taken effect at an early stage is whether the youngest leaf can be easily pulled out of the leaf sheath. The time required for complete control is normally 7 to 21 days following treatment, depending on growing conditions and crop competition.

Control of quackgrass develops more slowly than control of annual grasses. **EQUINOX EC herbicide** is translocated through the quackgrass plant to the rhizomes and kills actively growing rhizome buds, as well as above ground vegetation. Dormant rhizome buds will remain unaffected by the spray and regrowth can occur from these buds. When **EQUINOX EC herbicide** is applied according to label directions, the regrowth of the quackgrass will not be significant until 6-8 weeks after treatment, depending on growing conditions, crop cultivation practices and crop competition.

## DIRECTIONS FOR USE

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

### Field sprayer application

**DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. Boom height must be 60 cm or less above the crop or ground.

### Aerial Application

**DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 16 km/h at flying height at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers medium classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.

## Buffer Zones

Use of the following spray methods or equipment **DO NOT** require a buffer zone: hand-held or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands).

Method of application	Crop	Buffer zone (metres) required for the protection of Terrestrial Habitat
Field sprayer	Chickpeas, dry beans, mustard (brown, oriental and yellow), sunflower (all types), flax, dry peas, lentils, <b>Clearfield</b> Lentils <sup>1</sup> , <b>Clearfield</b> Canola <sup>1</sup> , <b>Clearfield</b> Canola <sup>1</sup> Quality <i>Brassica juncea</i> , glufosinate ammonium tolerant canola, and canola	1
Aerial (fixed- or rotary-wing)	Chickpeas, dry beans, mustard (brown, oriental and yellow), sunflower (all types), flax, dry peas, lentils, <b>Clearfield</b> Lentils <sup>1</sup> , <b>Clearfield</b> Canola <sup>1</sup> , <b>Clearfield</b> Canola <sup>1</sup> Quality <i>Brassica juncea</i> , glufosinate ammonium tolerant canola, and canola	25

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

Select one of the following treatments for control of wild oat, green foxtail, volunteer barley, volunteer wheat (including volunteer **Clearfield** wheat), volunteer oat and quackgrass. MERGE® adjuvant or DASH® HC adjuvant must be added to all applications of **EQUINOX EC herbicide**, including tank mixtures with broadleaf herbicides. Refer to Crop Recommendations table for maximum rate permitted on crops.

### Annual Grass Control

Apply **EQUINOX EC herbicide** when grasses are in the 1 to 6 leaf stage or up to 2 tillers. Most effective control is achieved when application is made when annual grasses are small and actively growing, soil moisture is good, and the crop is small enough to permit thorough spray coverage.

### Quackgrass Control

Apply **EQUINOX EC herbicide** when quackgrass is actively growing and in the 3 to 6 leaf stage prior to tillering (6 to 15 cm in height). Most effective control is achieved when application is made at the 2 to 4 leaf stage. Depending on growing conditions and crop cultivation system, season-long control of quackgrass may not always be obtained. Competition of quackgrass is normally eliminated for at least 6 to 8 weeks.

**EQUINOX EC Herbicide - MERGE Adjuvant or DASH HC Adjuvant  
Reduced Application Rates for Green Foxtail, Wild Oat, Volunteer Barley,  
Volunteer Wheat, Volunteer Clearfield Wheat and Volunteer Oat**

Grass Species	Grass Leaf Stage	EQUINOX EC Herbicide Rate (L/ha)	DASH HC Adjuvant Rate (by water volume)		MERGE Adjuvant Rate (by water volume)	
			(% v/v <sup>1</sup> ) Ground 50-100 L/ha	(% v/v <sup>1</sup> ) Air 25-50 L/ha	(% v/v <sup>2</sup> ) Ground 50-100 L/ha	(% v/v <sup>2</sup> ) Air 25-50 L/ha
<b>Annual Grasses:</b> green foxtail, wild oat, volunteer barley, volunteer wheat, volunteer <b>Clearfield</b> wheat, and volunteer oat	1-6	0.1335	0.41%	0.41%	0.5%	0.5%
<b>Annual Grasses:</b> green foxtail, wild oat, volunteer barley, volunteer wheat, volunteer <b>Clearfield</b> wheat, and volunteer oat (Use when weed densities are high and overlapping, when staging is late, or when weeds are under stress and not growing as actively due to moisture stress or temperature stress) <sup>3</sup>	1-6	0.2	0.62%	0.62%	0.5%	0.5%

<sup>1</sup> 0.41% v/v = 205 mL - 410 mL at a water volume of 25-100 L/ha

<sup>2</sup> 0.5% v/v = 250 mL - 500 mL at a water volume of 25-100 L/ha

<sup>3</sup> 0.62% DASH HC or 0.5% MERGE adjuvant at a water volume of 50-100 L/ha for dense weed infestations or dense crop canopies

**EQUINOX EC Herbicide - MERGE Adjuvant or DASH HC Adjuvant  
Application Rates for Quackgrass**

Grass Species	Grass Leaf Stage	EQUINOX EC Herbicide Rate (L/ha)	DASH HC Adjuvant Rate (by water volume)		MERGE Adjuvant Rate (by water volume)	
			(% v/v) Ground 50-100 L/ha	(% v/v) Air 25-50 L/ha	(% v/v) Ground 50-100 L/ha	(% v/v) Air 25-50 L/ha
Quackgrass control <sup>1</sup>	3-6	0.25	0.62%	0.62%	0.5%	0.5%

<sup>1</sup> 0.62% DASH HC or 0.5% MERGE adjuvant at a water volume of 50-100 L/ha for dense weed infestations or dense crop canopies

## Crop Recommendations

Crop	Leaf Stage at Application and/or Height	Application Rate (L/ha)	Preharvest Interval (days)
Canola – all types	Emergence to rosette stage (prior to bud and flower formation)	0.1335 – 0.2	60
<b>Clearfield</b> Canola <sup>1</sup> (e.g. canola varieties with the <b>Clearfield</b> trait)	Emergence to rosette stage (prior to bud and flower formation)	0.1335 – 0.2	60
<b>Clearfield</b> Canola <sup>1</sup> Quality <i>Brassica juncea</i> (e.g. canola quality <i>Brassica juncea</i> varieties with the <b>Clearfield</b> trait)	Emergence to rosette stage (prior to bud and flower formation)	0.1335 – 0.2	60
Chickpea	Emergence to 9 node	0.1335 – 0.25	60
Dry beans*	Emergence to 7 trifoliate leaf	0.1335 – 0.25	60
Dry pea	Emergence to 9 leaf	0.1335 – 0.25	60
Flax	Emergence to 35 cm	0.1335 – 0.25	60
Lentils	Emergence to 9 node	0.1335 – 0.25	60
<b>Clearfield</b> lentils <sup>1</sup> lentils (e.g. lentil varieties with the <b>Clearfield</b> trait)	Emergence to 9 node	0.1335 – 0.25	60
Mustard (brown, oriental and yellow)	Emergence to 6 leaf	0.1335 – 0.2	60
Sunflower (all types including <b>Clearfield</b> Sunflower <sup>1</sup> with the <b>Clearfield</b> trait)	Emergence to 10 leaf	0.1335 – 0.2	60

\* Dry bean varieties (of the *Genera Phaseolus*, *Lupinus* and *Vigna*) may vary in their tolerance to herbicides, including to **EQUINOX EC herbicide**. Since not all dry bean varieties have been tested for tolerance to **EQUINOX EC herbicide**, first use of **EQUINOX EC herbicide** should be limited to a small area of each variety to confirm tolerance prior to adoption as a general field practice. Additionally, consult your seed supplier for information on the tolerance of specific varieties of dry beans to **EQUINOX EC herbicide**.

## MIXING

### EQUINOX EC herbicide Alone

1. When using **EQUINOX EC herbicide**, always start with a clean sprayer. Thoroughly clean the sprayer by flushing the system with water containing detergent. Refer to previously applied product labels for specific cleaning instructions.
2. Fill clean spray tank half full with clean water. Start agitation system.
3. Add the correct amount of **EQUINOX EC herbicide**. Continue to agitate

4. Add the correct amount of MERGE adjuvant or DASH HC adjuvant along with the remaining amount of water necessary to fill the spray tank.
5. Continue to agitate or run the by-pass system.
6. After any break in spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to remix the spray materials. Do not allow the mixture to sit over night.
7. If an oil film starts to build up in the tank, drain it and clean the tank with strong detergent solution.
8. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent.

For disposal of cleaning solution, see section on DISPOSAL.

### **TANK MIX COMBINATIONS**

**EQUINOX EC herbicide** can be mixed with the following herbicides for broadleaf weed control (refer to instructions on **MIXING - EQUINOX EC Herbicide Tank Mix Combinations**). Use MERGE adjuvant or DASH HC adjuvant only with all tank mixes.

Do not delay spraying broadleaf weeds if grassy weeds are not in the correct stage for treatment. If annual grass weeds and broadleaf weeds are not in the correct stages for treatment, apply separate applications of each herbicide timed to control the required species.

Allow 4 days between application of **EQUINOX EC herbicide** and any other chemical not recommended as a tank mix combination on this label. Products registered as a tank mix with **EQUINOX EC herbicide** can be applied immediately prior to or following the application of **EQUINOX EC herbicide**.

Apply **EQUINOX EC herbicide** at 0.165 L/ha with the addition of MERGE adjuvant at 0.5% v/v or DASH HC adjuvant at 0.41% v/v with the following broadleaf compounds for broad spectrum weed control in flax. Refer to the specific partner label for broadleaf weeds controlled and rates.

**Always refer to the broadleaf herbicide label for precautions, use instructions and crop rotation restrictions. Do not apply tank mix combinations by air.**

When a tank mix is used, consult the labels of the tank mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture.

### Reduced Rate Applications for EQUINOX EC Herbicide Tank Mixes

Crop	EQUINOX EC Herbicide Rate (L/ha)	Tank Mix Partner	Tank Mix Partner Rate	Comments
<b>Clearfield</b> Canola <sup>1</sup> (e.g. canola varieties with <b>Clearfield</b> trait)	0.1335 <b>OR</b> 0.2 if grassy weeds are stressed (see Table above)	ODYSSEY® WDG	43 g/ha	For the control of volunteer <b>Clearfield</b> wheat in addition to other labeled weeds. Refer to the ODYSSEY WDG herbicide label for additional recommendations, precautions and restrictions not specified on this label. <b>DO NOT APPLY BY AIR.</b>
<b>Clearfield</b> Canola <sup>1</sup> Quality <i>Brassica juncea</i> (e.g. canola quality <i>Brassica juncea</i> varieties with the <b>Clearfield</b> trait)	0.1335 <b>OR</b> 0.2 if grassy weeds are stressed (see Table above)	ODYSSEY WDG	43 g/ha	For the control of volunteer <b>Clearfield</b> wheat in addition to other labeled weeds. Refer to the ODYSSEY WDG herbicide label for additional recommendations, precautions and restrictions not specified on this label. <b>DO NOT APPLY BY AIR.</b>
Field peas	0.1335 <b>OR</b> 0.2 if grassy weeds are stressed (see Table above)	ODYSSEY WDG	43 g/ha	For the control of volunteer <b>Clearfield</b> wheat in addition to other labeled weeds. Refer to the ODYSSEY WDG herbicide label for additional recommendations, precautions and restrictions not specified on this label. <b>DO NOT APPLY BY AIR.</b>
Flax (including low linolenic acid varieties)	0.1335 <b>OR</b> 0.25 if grassy weeds are stressed or for quackgrass control (see Table above)	BUCTRIL® M	1.0 L/ha	Some leaf burn and retarded growth may delay crop maturity. Avoid application under humid and especially hot humid conditions. Caution should be taken to avoid non-uniform applications, e.g., overlapping. Do not apply tank mixtures during flowering. Refer to the Buctril M label for use instructions and broadleaf weeds controlled. <b>DO NOT APPLY BY AIR.</b>
Flax (excluding low linolenic acid varieties)	0.1335 <b>OR</b> 0.2 if grassy weeds are stressed (see Table above)	FLAXMAX®	2.0 L/ha	Refer to the FLAXMAX label for use instructions and broadleaf weeds controlled. <b>DO NOT APPLY BY AIR.</b>

Crop	EQUINOX EC Herbicide Rate (L/ha)	Tank Mix Partner	Tank Mix Partner Rate	Comments
<b>Clearfield</b> Lentils <sup>1</sup> (e.g. lentil varieties with the <b>Clearfield</b> trait)	0.1335 <b>OR</b> 0.2 if grassy weeds are stressed (see Table above)	ODYSSEY WDG	43 g/ha	Refer to the ODYSSEY WDG herbicide label for additional recommendations, precautions and restrictions not specified on this label. <b>DO NOT APPLY BY AIR.</b>
LIBERTYLINK® (glufosinate ammonium tolerant) canola	0.1335	LIBERTY® 150 SN	2.67 – 3.33 L/ha	For all LL varieties of canola. Use from emergence to rosette stage prior to bud and flower formation). For greater consistency of control of annual grassy weeds as listed on the <b>EQUINOX EC herbicide</b> and Liberty 150 SN herbicide labels and for control of the broadleaf weeds listed on the Liberty 150 SN herbicide label. Refer to the Liberty 150 SN herbicide label for additional recommendations, precautions and restrictions not specified on this label. <b>DO NOT APPLY BY AIR.</b>

### MIXING - EQUINOX EC herbicide Tank Mix Combinations

1. When using **EQUINOX EC herbicide**, always start with a clean sprayer. Thoroughly clean the sprayer by flushing the system with water containing detergent. Refer to previously applied product labels for specific cleaning instructions.
2. When tank mixing with ODYSSEY WDG herbicide, fill clean spray tank three-quarters full with water, add required amount of ODYSSEY WDG herbicide soluble bag(s) directly into the sprayer through the tank opening. Agitate for at least ten minutes to dissolve the herbicide. After the herbicide is dissolved, use a separate calibrated measuring device to add the required amount of **EQUINOX EC herbicide** while agitating the spray solution. If excess foaming occurs, a silicone anti-foaming agent may be added (e.g. HALT®).
3. When tank mixing with broadleaf herbicides such as Buctril M or FLAXMAX or Liberty 150 SN, fill clean spray tank half full with clean water. Start agitating and add the correct amount of **EQUINOX EC herbicide**. Continue to agitate and add the required amount of Buctril M or FLAXMAX or Liberty 150 SN. If an oil film starts to build up in the tank, drain it and clean the tank with strong detergent solution.
4. Continue agitation, add the correct amount of MERGE adjuvant or DASH HC adjuvant along with the remaining amount of water necessary to fill the spray tank.
5. Continue to agitate or run the by-pass system.

6. After any break in spraying operation, agitate thoroughly before spraying again. Check inside the tank to ensure that sprayer agitation is sufficient to remix the spray materials. Do not allow the mixture to sit over night. In the case of tank mixtures with broadleaf herbicides, settling will occur if agitation is not continuous.
7. Between loads of ODYSSEY WDG herbicide, check in-line and nozzle screens and rinse and clean if necessary.
8. Immediately after use of any tank mix, thoroughly flush tank, boom, hoses and in-line and nozzle screens with clean water and detergent to avoid possible injury to other crops.

For disposal of cleaning solution, see section on DISPOSAL.

## SPRAYING INSTRUCTIONS

### Water Volume and Spray Pressure

#### Conventional ground application

Use sprayers equipped with standard flat nozzles. The use of 80°-110° stainless steel flat fan nozzle is recommended for optimum spray coverage with nozzles tilted 45° forward to ensure better coverage.

**The use of flood jet or hollow cone nozzles is not recommended because of uneven and inadequate spray coverage. Ensure thorough and uniform spray coverage over the entire leaf area of the target weeds.**

Thoroughly clean all screens to prevent nozzle clogging. In general, use water volumes of 50-100 L/ha and a minimum of 240 kPa pressure. For applications to dense weed infestations or to dense crop canopies, use 100 L of water per hectare at pressures of 275 to 425 kPa. For quackgrass control, use 100 L of water per hectare at pressures of 275 to 425 kPa.

### Aerial Applications

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices.

Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 16 km/h at flying height at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) medium classification. To reduce drift caused by turbulent wingtip vortices, the nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.

Ensure thorough coverage of foliage. Consult nozzle manufacturer's recommendation for spray pressures for specific nozzles.

### **Use Precautions**

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the National Aerial Pesticide Application Manual, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Do not apply to any body of water. Avoid drifting of spray onto any body of water or other non-target areas. Specified buffer zones should be observed.

Coarse sprays are less likely to drift, therefore, avoid combinations of pressure and nozzle type that will result in fine particles (mist). Do not apply during periods of dead calm or when wind velocity and direction pose a risk of spray drift. Do not spray when the wind is blowing towards a nearby sensitive crop, garden, terrestrial habitat (such as shelter-belt) or aquatic habitat.

### **Operator Precautions**

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. Loading of premixed chemicals with a closed system is permitted.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

The field crew and the mixer/loaders must wear chemical resistant gloves, coveralls and goggles or face shield during mixing/loading, cleanup and repair. Follow the more stringent label precautions in cases where the operator precautions exceed the generic label recommendations on the existing ground boom label.

All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

### **Product Specific Precautions**

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-877-371-BASF (2273) or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following:

Volume: Apply the recommended rate in a minimum spray volume of 25 to 50 litres of water per hectare with pressure up to 200 kPa.

Treat when wind is 3 to 15 kilometres per hour. Do not spray in winds above 10 km/hour within 1/2 hour of sunrise or sunset.

## **RESISTANCE-MANAGEMENT RECOMMENDATIONS**

For resistance management, **EQUINOX EC herbicide** is a Group 1 herbicide. Any weed population may contain or develop plants naturally resistant to **EQUINOX EC herbicide** and other Group 1 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not

linked to site of action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay herbicide resistance:

- Where possible, rotate the use of **EQUINOX EC herbicide** or other Group 1 herbicides with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group when such use is permitted.
- Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.
- Monitor treated weed populations for resistance development.
- Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact BASF at 1-877-371-2273 or at [www.agsolutions.ca](http://www.agsolutions.ca).

## RESTRICTIONS AND LIMITATIONS

1. Use only for crops listed on this label.
2. When grasses are stressed due to drought, flooding, hot or prolonged cool temperatures (15°C or less) or weed densities are high causing overlapping, control can be reduced or delayed since grasses are not adequately covered with spray and/or are not actively growing. Grass escapes or retillering may occur under prolonged stress conditions or low fertility. **DO NOT make applications to grasses or crops under stress such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures, as unsatisfactory control will probably result.**
3. **DO NOT** mix or apply **EQUINOX EC herbicide** with any other additive, pesticide or with fertilizer except as specifically recommended on this label.
4. Dry peas may be used for grazing provided the 60 day preharvest interval is followed. **DO NOT** graze the other treated crops or cut for hay; there are not sufficient data available to support such use.
5. A general plant back interval of 40 days is required. Allow a minimum of 14 days between application of **EQUINOX EC herbicide** and the re-planting of cereal or grass crops. A cultivation to a minimum depth of 10 cm is recommended 7 days prior to seeding.

## WARNING

Injury to grass, cereal or corn crops and turf may occur if **EQUINOX EC herbicide** is applied directly onto, or is allowed to drift onto, these susceptible crops.

**DO NOT** apply when weather conditions may cause spray drift from treated fields to adjacent crops. Wash sprayer thoroughly after use to avoid damage to the next crop sprayed, especially if it is a cereal, forage or corn crop.

**DO NOT** over spray non-target terrestrial or aquatic habitats. **DO NOT** contaminate aquatic habitats when cleaning and rinsing spray equipment or containers.

## PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Causes skin irritation. **DO NOT** get on skin. May irritate eyes. Avoid contact with eyes.
3. Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking or going to the washroom. Take a shower immediately after work.
4. Wear long-sleeved shirt, long pants and chemical resistant gloves and goggles or face shield during mixing, loading, clean up and repair. Wear long-sleeved shirt and long pants during application.
5. If clothing becomes contaminated, remove immediately and wash. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse. Wear freshly laundered clothes daily.
6. **DO NOT** contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.
7. **DO NOT** apply where run-off or erosion is likely to occur.
8. Apply only when the potential for drift to areas of human activity such as houses, cottages, school and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature, application equipment and sprayer settings.
9. This product contains aromatic petroleum distillates which are toxic to aquatic organisms. Avoid contamination of aquatic systems during application. **DO NOT** contaminate these systems through direct application, disposal of wastes or cleaning equipment.
10. If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at [www.croplife.ca](http://www.croplife.ca).
11. **DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

12. When applied as a tank-mix combination, read and observe all label directions, including rates, restrictions and grazing limitations for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.
13. Custom applicators must use ground boom equipment with an enclosed cab. A closed cab is a chemical resistant barrier that completely surrounds the occupant of the cab and prevents contact with the pesticide or treated surfaces outside the cab.

## **ENVIRONMENTAL HAZARDS**

This product contains aromatic petroleum distillates which are toxic to aquatic organisms.

TOXIC to non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

## **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.

**NOTE: Refer to broadleaf product labels for additional first aid instructions.**

## **TOXICOLOGICAL INFORMATION**

Contains petroleum distillates at greater than 10%. **DO NOT** induce vomiting. Vomiting may cause aspiration pneumonia. Treat symptomatically.

## **STORAGE**

1. Store the product in original, tightly-closed container and do not allow water to be introduced into this container.
2. **DO NOT** ship or store the product near food, feed, seed or fertilizers.
3. Store the product in a cool, dry, locked, well-ventilated area without floor drain.
4. Herbicides should be shipped or stored separately from other pesticides to avoid cross-contamination.

## **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 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 Refillable Containers**

For disposal, this empty 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.

### **Non-Recyclable/Non-Refillable/Non-Returnable Containers**

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 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.

FLAXMAX is a registered trade-mark of BASF SE, used with permission by BASF Canada Inc.

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

ODYSSEY is a registered trade-mark of BASF Agrochemical Products B.V., used with permission by BASF Canada Inc.

®All other products listed are registered trade-marks of their respective companies.

*<sup>1</sup>Methods of growing plants which are resistant to certain acetohydroxyacid synthase (AHAS) herbicides are protected by Canadian Patent No. 1341465. The use of this product in the practice of patented methods could constitute patent infringement. The purchase of this product conveys no license to the purchaser to practice the patented methods. Further information can be obtained by contacting BASF Canada at 1-877-371-2273.*

GROUP	1	HERBICIDE
-------	---	-----------

**EQUINOX® EC Herbicide**

Emulsifiable concentrate for post-emergence control of certain annual grasses and quackgrass in canola, chickpea, dry bean, dry pea, flax, lentils, mustard (brown, oriental and yellow), sunflower and **Clearfield®** Canola Quality *Brassica juncea*

FOR SALE FOR USE IN THE PRAIRIE PROVINCES AND  
PEACE RIVER REGION OF BRITISH COLUMBIA ONLY

**COMMERCIAL (AGRICULTURAL)**

**GUARANTEE:** Tepraloxymid .....200 g/L

**REGISTRATION NO. 27603** **PEST CONTROL PRODUCTS ACT**

**READ THE LABEL AND THIS BOOKLET BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**

**WARNING - EYE AND SKIN IRRITANT**

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

**NET CONTENTS:** 1 L - 100 L

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

**Clearfield®** is a registered trade-mark of BASF Agrochemical Products B.V. and EQUINOX is a registered trade-mark of BASF SE, all used with permission by BASF Canada Inc.

©BASF Canada Inc., 2004

## PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Causes skin irritation. **DO NOT** get on skin. May irritate eyes. Avoid contact with eyes.
3. Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking or going to the washroom. Take a shower immediately after work.
4. Wear long-sleeved shirt, long pants and chemical resistant gloves and goggles or face shield during mixing, loading, clean up and repair. Wear long-sleeved shirt and long pants during application.
5. If clothing becomes contaminated, remove immediately and wash. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse. Wear freshly laundered clothes daily.
6. **DO NOT** contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.
7. **DO NOT** apply where run-off or erosion is likely to occur.
8. Apply only when the potential for drift to areas of human activity such as houses, cottages, school and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature, application equipment and sprayer settings.
9. This product contains aromatic petroleum distillates which are toxic to aquatic organisms. Avoid contamination of aquatic systems during application. **DO NOT** contaminate these systems through direct application, disposal of wastes or cleaning equipment.
10. If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at [www.croplife.ca](http://www.croplife.ca).
11. **DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.
12. When applied as a tank-mix combination, read and observe all label directions, including rates, restrictions and grazing limitations for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.
13. Custom applicators must use ground boom equipment with an enclosed cab. A closed cab is a chemical resistant barrier that completely surrounds the occupant of the cab and prevents contact with the pesticide or treated surfaces outside the cab.

## ENVIRONMENTAL HAZARDS

This product contains aromatic petroleum distillates which are toxic to aquatic organisms.

TOXIC to non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE.

## 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.

**NOTE: Refer to broadleaf product labels for additional first aid instructions.**

## TOXICOLOGICAL INFORMATION

Contains petroleum distillates at greater than 10%. **DO NOT** induce vomiting. Vomiting may cause aspiration pneumonia. Treat symptomatically.

## STORAGE

1. Store the product in original, tightly-closed container and do not allow water to be introduced into this container.
2. **DO NOT** ship or store the product near food, feed, seed or fertilizers.
3. Store the product in a cool, dry, locked, well-ventilated area without floor drain.
4. Herbicides should be shipped or stored separately from other pesticides to avoid cross-contamination.

## **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 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 Refillable Containers**

For disposal, this empty 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.

### **Non-Recyclable/Non-Refillable/Non-Returnable Containers**

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 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.

**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, 5<sup>th</sup> Floor  
Mississauga, Ontario  
L5R 4H1  
1-877-371-2273

MERGE® is a registered trademark of BASF.

## 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 & 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 & 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				
	Buctril M	Canary seed	1.0%	100	Labelled weeds plus additional broadleaf weeds

Product	Tank Mix	Crop(s)	Amount of MERGE Adjuvant	Water Volume (L/ha)	Weeds Controlled
Accord WSB Herbicide	NA	Wheat (spring & 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 & 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 & 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

Product	Tank Mix	Crop(s)	Amount of MERGE Adjuvant	Water Volume (L/ha)	Weeds Controlled
	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 & herbicide tolerant hybrids), sweet corn & seed corn (hybrids & inbred lines)	0.5%	200	Labelled broadleaf and grass weeds
	Aatrex® 480 OR Atrazine	Field corn, sweet corn & seed corn (hybrids & 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 & 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	Canola (rapeseed)	0.5 – 2.0 L/ha	50 - 200	Labelled weeds plus additional weeds as listed
	Muster® + Lontrel 360				
Lontrel 360					

Product	Tank Mix	Crop(s)	Amount of MERGE Adjuvant	Water Volume (L/ha)	Weeds Controlled
	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	Field peas, 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 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.

## 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 5°C (40°F).

## **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.

For information on the 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.

ACCORD®, CLEARFIELD®, EQUINOX®, ERAGON®, HEAT®, ODYSSEY®, POAST® and SOLO are registered trademarks of BASF.

®All other products mentioned are trademarks or registered trademarks of their respective companies.

**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, 5<sup>th</sup> Floor  
Mississauga, Ontario  
L5R 4H1  
1-877-371-2273

MERGE® is a registered trademark of BASF.

## 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.

## 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 5<sup>0</sup>C (40<sup>0</sup>F).

## **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.

## **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.