

# Killex Herbicide for Acreage Weed Control

## Overview Tips:

1. Ortho® Killex® Concentrate provides maximum coverage for widespread weed infestations.
2. Concentrate can be applied with the Scotts® Dial 'N' Spray applicator (setting 6) or tank sprayer
3. Ortho® Killex® controls over 50 varieties of broadleaf weeds in the lawn.
4. Provides maximum coverage for more widespread weed infestations.
5. Apply when weeds are young and actively growing
6. Avoid spraying flowers, shrubs, fruit and vegetable crops

**READ ALL LABEL AND SDS INSTRUCTIONS AND FOLLOW THEM. WEAR ALL APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. DO NOT APPLY TO BODIES OF WATER.**

## Weeds Controlled (as listed on the label):

Controls **dandelion**, broad-leaved plantain, narrow-leaved plantain, black medick, heal-all, ground ivy, knotweed, ragweed, **shepherd's-purse**, **burdock**, chicory, dock (curled), **lamb's-quarters**, kochia, peppergrass, pigweed, purslane, sow thistle, grass leaved stitchwort, blueweed, wild lettuce, mustards, prostrate pigweed, sandwort (thyme-leaved), pineapple weed, fall dandelion (fall hawkbit), daisy fleabane, birdsfoot trefoil, blackseed plantain, **Canada thistle**, smartweed (green), stonecrop (mossy), Russian thistle, common chickweed, mouse-ear chickweed, clover, bedstraw, poison ivy, **devil's paint brush (orange hawkweed)**, **buttercup**, English daisy, bindweed (field), henbit, mallow, **ox-eye daisy**, sheep sorrel, speedwell (purslane leaved), spotted spurge, stitchwort, yellow hawkweed, veronica (thyme-leaved).



\*Scotts Dial and Spray is made for applying Killex Concentrate. Available at most hardware and lawn and garden stores. The sprayer attached to a garden hose and has a dial to adjust the rate of application.

1. Set the dial on the Dial 'N Spray® applicator to 6 and follow label directions.
2. If mixing in a backpack or handheld sprayer, add 6 mL (approximately a teaspoon and a half) per 1 L of water.
3. Once water has been added to the mixture in a handheld sprayer or backpack, add a tablespoon or more of dish soap. This will help the herbicide stick to the leaves of the plant
4. When spraying weeds, ensure the herbicide is applied to the leaves of the plant. Spraying only the flowers is not effective for control.



23-JUL-2001

FRONT PANEL

**GREEN CROSS®**

**KILLEX®**

**COMMERCIAL**

**LIQUID TURF HERBICIDE**

**NET CONTENTS: 4 L, 10 L, 15 L, 55 L, 80 L, 110 L, 200 L, 500 L, 600 L**

**Specially formulated for hard-to-kill weeds in turf (parks, lawns, golf courses, etc.)  
Contains amines of mecoprop, 2,4-D and dicamba**

**GUARANTEE:**

2,4-D (isomer specific) .....	190 g/L
Mecoprop (d-isomer) .....	100 g/L
Dicamba .....	18 g/L
(all as amines)	

REGISTRATION NO.: 9,811  
PEST CONTROL PRODUCTS ACT

**CONTROLS OVER 50 DIFFERENT LAWN WEEDS**

**READ THE LABEL AND BACK PANEL BEFORE USING  
PROTECT FROM FREEZING**

**Scotts Canada Ltd.**  
2000 Argentia Road  
Plaza #5, Suite 101  
Mississauga, Ontario  
L5N 2R7

**CAUTION**



**POISON  
DANGER - EYE IRRITANT**

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BACK PANEL

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**KILLEX - TURF HERBICIDE LIQUID**

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Controls dandelion, broad-leaved plantain, narrow-leaved plantain, black medick, heal-all, ground ivy, knotweed, ragweed, shepherd's-purse, burdock, chicory, dock (curled), lamb's-quarters, kochia, peppergrass, pigweed, purslane, sow thistle, grass leaved stitchwort, blueweed, wild lettuce, mustards, prostrate pigweed, sandwort (thyme-leaved), pineapple weed, fall dandelion (fall hawkbit), daisy fleabane, birdsfoot trefoil, blackseed plantain, Canada thistle, smartweed (green), stonecrop (mossy), Russian thistle, common chickweed, mouse-ear chickweed, clover, bedstraw, poison ivy, devil's paint brush (hawkweed), buttercup, English daisy, bindweed (field), henbit, mallow, ox-eye daisy, sheep sorrel, speedwell (purslane leaved), spotted spurge, stitchwort, yellow hawkweed, veronica (thyme-leaved).

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**DIRECTIONS FOR USE:**

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**TURF (Other than bent grass):**

Apply KILLEX TURF HERBICIDE at the rate of 5.5 L per hectare (60 mL on 100 square metres) in sufficient water for adequate coverage (300 - 1,500 L/ha). Maximum kill of weeds will be obtained from spring or early fall application when weeds are actively growing. Avoid applying during long excessively dry or hot periods unless adequate irrigation is available. Do not irrigate within 24 hours of application. Keep off area until dry. Do not apply to newly seeded turf until after the second or third mowing. Grass seed can be safely sown 1 - 2 weeks after application at recommended rate.

**BENT GRASS TURF:**

In closely mowed bent grass (putting and bowling greens, etc.) apply KILLEX TURF HERBICIDE at a maximum rate of 30 mL per 100 square metres (2.75 L/ha) preferably in May, or mid-August through September. Slight turf yellowing will disappear after about one week.

**NOTE:** Care should be taken to avoid overdosing bent grasses. Large volumes of spray water (i.e., 30 mL in 20 L water per 100 square metres) will aid in obtaining uniform coverage. If hand-type sprayers are used it is preferable to use a single nozzle sprayer rather than a multiple nozzle boom as sideways application with a boom where the spray from more than one nozzle is allowed to fall on the same area will result in heavy local overapplication and subsequent turf discoloration or injury.

Fertilizer Tank Mix: KILLEX TURF HERBICIDE is compatible with liquid fertilizers such as GREEN CROSS LAWN GREEN® 15-5-5 or GREEN CROSS FeRROMECS\* (minimum of 9 L of water/100 square metres). Follow all fertilizer label instructions.

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**WARNING:**

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KEEP OUT OF REACH OF CHILDREN. Keep in original container during storage. Do not allow spray, spray mist, visible or invisible vapours or air containing mist or vapours to contact plants other than those being sprayed. If 2,4-D susceptible plants are growing within a distance of 400 metres from the area being sprayed, spray only when there is a light breeze away from the susceptible plants. Spray drifting can be reduced by using high volume sprays under low pressure, coarse sprays and drop nozzles. Susceptible crops include grapes, tomatoes, tobacco, sugar beets, sunflowers, beans, turnips, cauliflower and cabbages, as well as many other field, vegetable, ornamental and fruit crops. Do not contaminate streams, lakes, ponds, irrigation water, water used for livestock or for domestic purposes. Do not store open container near seeds, feeds, fertilizers or pesticides including insecticides, fungicides and weed killers other than those containing 2,4-D or brush killer. Sprayers which have contained KILLEX should not be used to apply other pesticides to 2,4-D susceptible crops. DO NOT APPLY BY AIR.

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**TOXICOLOGICAL INFORMATION:**

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Gastric lavage may be indicated. Alkaline diuresis may be beneficial in severe cases. Treat according to symptoms.

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**PRECAUTIONS:**

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**Protective Clothing & Equipment:**

- **Handling the concentrate (mixing and loading):** Wear long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes, and protective eye wear (face shield or safety glasses). Rinse gloves before removal. Coveralls or a chemical-resistant apron should also be worn when open pouring from containers greater than 5 L.
- **Handling the dilute spray solution (during application or repairing or cleaning equipment):** Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes. Rinse gloves before removal. Gloves are not required during application when applicator is in an enclosed tractor.

**Operator Use Precautions:**

- Wear freshly laundered clothing and clean protective equipment daily.
- Rinse gloves before removal.
- Wash hands before eating, drinking, using tobacco or using the toilet.
- If herbicide penetrates clothing remove immediately; then wash thoroughly and put on clean clothing. Throw away clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate.
- After using this product, remove clothing and launder separately and promptly, and thoroughly wash hands and exposed skin with soap and water. Follow manufacturer's instructions for cleaning personal protective clothing and equipment. If no such instructions for washables are provided, use detergent and hot water. Keep and wash personal protective equipment separate from household laundry.
- After work, remove all clothing and shower using soap and water.

**Re-entry Interval:**

- Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treated areas until spray has thoroughly dried.

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**Maximum Application Frequency to Turf:**

- For good turf/lawn management, normally two applications per year per treatment site are adequate. This does not include spot treatments.

**Transfer System:**

- Containers larger than 20 L: Use a transfer system that avoids open pouring when transferring the liquid concentrate from such containers into the spray tank.

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**FIRST AID:**

This product may cause skin sensitization reactions in certain individuals. If on skin, wash with soap and water. **May cause severe eye irritation and reversible eye damage.** If in eyes splash repeatedly with plenty of clean water. If irritation persists, obtain medical attention or contact a Poison Control Centre. If swallowed, induce vomiting. Obtain prompt medical attention or contact a Poison Control Centre. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

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**DECONTAMINATION AND DISPOSAL:**

Follow the following steps for disposable containers:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions 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.

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**NOTICE TO USER:**

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This control product is to be used only in accordance with the directions on this label. It is an offence under the **PEST CONTROL PRODUCTS ACT** to use a control product under unsafe conditions.

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**NOTICE TO BUYER:**

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Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

Product Use Information: 1-800-668-5669

®Registered trademark of The Scotts Company, Scotts Canada Ltd. licensee

\*Registered trademark of PBI Gordon Corp.

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TEXT FOR STICKER

**REDUCED ODOUR FORMULA**

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This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.

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## SAFETY DATA SHEET

### Section 1: Product and Company Information

**Product Name:** Ortho® Killex® Lawn Weed Control Concentrate  
**Product Use:** Weed Killer Herbicide for broadleaf weeds and brush.  
**MSDS Record Number:** 27801-Rev3  
**Chemical Family:** Chlorophenoxy and benzoic herbicides  
**Manufacturer:** Scotts Canada Ltd.  
2000 Argentia Road, Plaza 5, Suite #101  
Mississauga, Ontario  
L5N 2R7  
www.scotts.ca  
Product Use Information: 1-800-668-5669  
**Emergency Telephone:** Medical Emergencies: 1-888-779-7919  
Accident and Spill Emergencies: Canutec 1-613-996-6666  
**Other:** Pest Control Products Act Registration Number: 27801

### Section 2: Hazards Identification

Personal Protective Equipment	WHMIS	Transport Symbol
	<b>This product is regulated under the Pest Control Products Act and is exempt from WHMIS classification.</b>	<b>Not regulated</b>

**Emergency Overview:** Harmful if swallowed. May cause respiratory irritation. Causes serious eye damage. May cause an allergic skin reaction. Harmful to aquatic life with long lasting effects. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.  
**Appearance, Colour and Odour:** Liquid. Clear, amber-brown liquid. Strong fishy odour.

While this product is not regulated under WHMIS, this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

**Potential Health Effects:** **ACUTE (short term):**

**Relevant Route(s) of Exposure:** Eye and skin contact; Inhalation; Ingestion; Skin Absorption

**Inhalation:** Breathing mists and vapours may cause irritation of the upper respiratory system, coughing, shortness of breath, headache, dizziness, nausea, vomiting, abdominal pain, decreased blood pressure, muscle weakness and muscle spasms.

**Ingestion:** Harmful if swallowed. Symptoms of ingestion may include headache, dizziness, nausea, vomiting, abdominal pain, decreased blood pressure, muscle weakness, loss of appetite, excitement, tenseness, exhaustion, loss of voice, and muscle spasms.

**Skin:** May cause irritation. Product may be absorbed through the skin; if skin contact is prolonged, components of this product may be absorbed in potentially harmful amounts. Repeated skin contact may cause skin sensitization reactions in certain individuals.

**Eye:** Direct contact with the product is severely irritating to the eyes.



## SAFETY DATA SHEET

### Section 2: Hazards Identification, continued

#### CHRONIC (long term): see Section 11 for additional toxicological data

Delayed symptoms of overexposure by inhalation or ingestion may include dizziness, muscle weakness, loss of appetite, weight loss, tenseness, depression, muscle spasms and exhaustion. Repeated or prolonged over-exposure to chlorophenoxy herbicides may cause liver, kidney, gastrointestinal, neurological and muscular effects.

**Medical Conditions Aggravated by Exposure:** Repeated exposure may aggravate an existing dermatitis.

**Interactions With Other Chemicals:** Not available

**Potential Environmental Effects:** Do not contaminate streams, lakes, ponds, irrigation water, water used for livestock or for domestic purposes by cleaning of equipment or disposal of wastes.

### Section 3: Composition and Ingredient Information

<u>Common Name</u>	<u>Chemical Name</u>	<u>CAS No.</u>	<u>Wt.%</u>
2,4-D	2,4-dichlorophenoxyacetic acid, dimethylamine salt	94-75-7	9
Mecoprop-p	(R)-2-(4-chloro-o-tolyloxy)propionic acid	16484-77-8	5
Dicamba	3,6-dichloro-o-anisic acid, dimethylamine salt	1918-00-9	1

Notes: The ingredients are present as dimethylamine salts with less than 0.1% free amine, in water. These salts are generally less toxic than the acids. See Section 8 of this SDS for exposure limit data for these ingredients.

### Section 4: First Aid Measures

**Inhalation:** If inhaled, move the person to fresh air. Call a poison control centre or doctor for medical advice. If not breathing, call 911 or an ambulance then give artificial respiration.

**Eye Contact:** Immediately flush with plenty of water for 15 to 20 minutes while holding the eyelids open. If a contact lens is present, remove the lens after the first 5 minutes, and then continue flushing. Call a poison control centre or obtain medical attention.

**Skin Contact:** If on skin or clothing, remove contaminated clothing and flush skin immediately with plenty of water for 15 to 20 minutes. Call a poison control centre or obtain medical advice. Wash contaminated clothing before reuse.

**Ingestion:** Immediately contact a Poison Control Centre or obtain medical advice. Do not induce vomiting unless instructed to do so by the poison control centre or doctor. Never give anything by mouth to an unconscious person.

**Other:** IF POISONING IS SUSPECTED or any symptoms are serious, immediately contact a doctor, the nearest hospital, or the nearest poison control centre. Tell the person contacted the complete product name, and the type and amount of exposure. Describe any symptoms and follow the advice given. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.



## SAFETY DATA SHEET

### Section 5: Fire Fighting Measures

<b>Flammable Properties:</b>	Not applicable. Aqueous solution, will not flash.
<b>Suitable extinguishing Media:</b>	Use extinguishing media appropriate for the surrounding fire. Dry chemical, water spray, chemical foam, carbon dioxide, water fog.
<b>Unsuitable extinguishing Media:</b>	Not applicable
<b>Explosion Data:</b>	
<b>Sensitivity to Mechanical Impact:</b>	Not applicable
<b>Sensitivity to Static Discharge:</b>	Not applicable
<b>Specific Hazards arising from the Chemical:</b>	Combustion or thermal decomposition of this product may produce irritating and toxic gases. Decomposition products may include oxides of carbon, dimethylamine, hydrogen chloride, ammonia, and nitrogen oxides.
<b>Protective Equipment and precautions for firefighters:</b>	Firefighters should wear full protective gear including self-contained breathing apparatus when fighting chemical fires. Any water runoff should be minimized and contained.

### Section 6: Accidental Release Measures

<b>Personal Precautions:</b>	Wear proper protective clothing described in Section 8. Avoid contact with skin and eyes.
<b>Environmental Precautions:</b>	Prevent runoff going into drains, sewers and other waterways.
<b>Methods for Containment:</b>	Stop further release or spread of contamination with absorbent material.
<b>Methods for Clean-up:</b>	In case of a spill, contact the manufacturer and the Provincial Regulatory Agency for clean-up information.

### Section 7: Handling and Storage

<b>Handling:</b>	Read the label before using. Keep out of reach of children and prevent access by unauthorized personnel. Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Strictly observe all precautions for handling and using pesticides.
<b>Storage:</b>	KEEP OUT OF REACH OF CHILDREN AND UNAUTHORIZED PERSONNEL. Keep in original container during storage in a well ventilated, cool, dry, and secure area. Ship and store away from food, feeds, seeds, fertilizers and other pesticides. Protect from freezing. Store away from open flame and other sources of heat.
<b>General:</b>	Do not allow spray, spray mist, visible or invisible vapours or air containing mist or vapours to contact plants other than those being sprayed. Avoid application of this product when winds are gusty. Do not use this product for controlling weeds in vegetable gardens, flower beds or around shrubs or ornamental plants. Do not contaminate streams, lakes, ponds, irrigation water, water used for livestock or for domestic purposes by cleaning of equipment or disposal of wastes. DO NOT water within 24 hours after application. Do not apply when rain is expected. DO NOT apply to driveways, sidewalks or any other hard surface. To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.



## SAFETY DATA SHEET

### Section 8: Exposure Controls and Personal Protection

Consult local authorities for acceptable exposure limits. Material exposure limits are for airborne 8-hour time-weighted averages and apply only to occupational exposures.

<u>Ingredient</u>	<u>Ontario TWAEV</u> <u>(mg/m<sup>3</sup>)</u>	<u>ACGIH TLV</u> <u>(8-hr. TWA)</u> <u>(mg/m<sup>3</sup>)</u>	<u>U.S. OSHA PEL</u> <u>(8-hr. TWA)</u> <u>(mg/m<sup>3</sup>)</u>
2,4-D	10	10	10
Mecoprop-p	Not established	Not established	Not established
Dicamba	Not established	Not established	Not established
Dimethylamine	5 ppm 15 ppm STEV	5 ppm 15 ppm STEL	18 (10 ppm)

**Engineering Controls:** General ventilation normally adequate. Monitor the airborne concentrations and provide additional ventilation if any exposure guideline is exceeded.  
 When handling more than 687.8 L per day of 2,4-D, workers must also use a closed handling system.

**Personal Protection:**

- Eye/Face Protection: Wear protective eye wear (chemical splash goggles, face shield or safety glasses)
- Skin Protection: Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes. Rinse gloves before removal. Coveralls should also be worn when open pouring from containers.
- Respiratory Protection: Not normally required. Where occupational exposure limits are exceeded, workers should wear an approved respirator. If respiratory protection is required, institute a complete respiratory protection program including selection, fit testing, training, maintenance and inspection. Consult with respirator manufacturer to determine respirator selection, use and limitations.

**Work/Hygienic Practices:** Wear freshly laundered clothing and clean protective equipment daily. Rinse gloves before removal. Wash hands before eating, drinking, using tobacco or using the toilet. After work, remove all clothing and shower using soap and water.

If pesticide penetrates clothing, remove immediately; then wash contaminated skin thoroughly and shower. Launder contaminated clothing separately before reuse.

After using this product, remove clothing and launder separately and promptly. Thoroughly wash hands and exposed skin with soap and water. Follow manufacturer's instructions for cleaning personal protective clothing and equipment. If no such instructions for washables are provided, use detergent and hot water. Keep and wash personal protective equipment separate from household laundry.

**IDLH (Immediately Dangerous to Life or Health):**

The IDLH concentration for 2,4-D is 100 mg/m<sup>3</sup>.

Emergency or planned entry into unknown concentrations: Positive pressure, full-facepiece SCBA; or positive pressure, full-facepiece SAR with an auxiliary positive pressure SCBA.  
 Escape: organic vapour respirator; or escape-type SCBA.



## SAFETY DATA SHEET

### Section 9: Physical and Chemical Properties

<b>Physical State:</b>	Liquid	<b>Flash Point &amp; method:</b>	Not applicable
<b>Appearance, Colour and Odour:</b>	Clear to hazy, light yellow; mild fishy odour	<b>Autoignition Temperature:</b>	Not applicable
<b>Odour Threshold:</b>	Not available	<b>Flammability Limits in Air:</b>	Not applicable
<b>pH:</b>	7.5	<b>Vapour Pressure:</b>	Not available
<b>Relative density: (water = 1)</b>	1.2055 @ 20°C	<b>Vapour Density: (Air = 1)</b>	Not available
<b>Partition coefficient: (n-octanol/water)</b>	Not applicable	<b>Evaporation Rate: (n-Butyl Acetate = 1)</b>	Not available
<b>Solubility:</b>	Completely soluble in water.	<b>Boiling Point/Range:</b>	100°C
<b>Viscosity:</b>	Water thin	<b>Freezing Point:</b>	Not available
<b>Decomposition Temperature:</b>	Not available		

### Section 10: Stability and Reactivity

<b>Chemical Stability:</b>	Stable
<b>Conditions to Avoid:</b>	Direct sunlight, extreme high temperatures.
<b>Incompatible Materials:</b>	Acids, caustics, strong oxidizers; calcium salts reduce herbicidal activity.
<b>Hazardous Decomposition Products:</b>	When heated to decomposition it emits toxic fumes of dimethylamine, hydrogen chloride, and nitrogen oxides.
<b>Possibility of Hazardous Reactions:</b>	Not applicable

### Section 11: Toxicological Information

#### Acute Toxicity Data

<u>Product</u>	<u>LD<sub>50</sub> Oral (mg/kg)</u>	<u>LD<sub>50</sub> Dermal (mg/kg)</u>	<u>LC<sub>50</sub> Inhalation (ppm, 4 hrs.)</u>
Ortho® Killex® Lawn Weed Control Concentrate	>5000 (rat)	>2000 (rat)	Not available

<b>Irritation:</b>	Direct contact is severely irritating to the eye. May be irritating to skin. Mists and vapours may be irritating to the upper respiratory system.
<b>Corrosivity:</b>	Not applicable
<b>Sensitization:</b>	May cause skin sensitization reactions in certain individuals.
<b>Neurological Effects:</b>	Repeated or prolonged over-exposure to chlorophenoxy herbicides by ingestion or inhalation may cause neurological effects.
<b>Genetic Effects:</b>	Not available
<b>Reproductive Effects:</b>	Not available
<b>Developmental Effects:</b>	Not available
<b>Target Organ Effects:</b>	Repeated or prolonged over-exposure to chlorophenoxy herbicides by ingestion or inhalation may cause liver, kidney, gastrointestinal, neurological and muscular effects.



## SAFETY DATA SHEET

### Section 11: Toxicological Information, continued

**Carcinogenicity:**

In Canada, the PMRA (Pest Management Regulatory Agency) in its report *PACR2007-06, Re-evaluation of the Agricultural, Forestry, Aquatic and Industrial Site Uses of 2,4-D*, has concluded that on the basis of all available relevant data, 2,4-D cannot be classified as to its human carcinogenicity. The PMRA recommends that as with any chemical, caution should be exerted in its use, storage and disposal.  
The United States EPA (Environmental Protection Agency) classifies 2,4-D in Group D, not classifiable as to human carcinogenicity.

### Section 12: Ecological Information

**Ecotoxicity:**

This product is toxic to aquatic organisms and toxic to non-target terrestrial plants. Toxic to birds and small wild mammals. Do not apply directly to water or to areas where surface water is present. Do not contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

**Persistence/Degradability:**

Not available

**Bioaccumulation/Accumulation:**

Not available

**Mobility:**

The use of this chemical may result in contamination of groundwater, particularly in areas where soils are permeable (e.g. sand, loamy sand and sandy loam soils) and/or depth of the water table is shallow.

### Section 13: Disposal Considerations

**Waste Disposal Method:**

Do NOT dump into any sewers, on the ground or into any body of water. Store material for disposal as indicated in Section 7 Handling and Storage.

Canadian formulators of this product should dispose of unwanted active ingredients and containers in accordance with municipal and provincial regulations. For information on disposal of unused or unwanted product, contact the manufacturer or the provincial regulatory agency.

### Section 14: Transport Information

**Canadian Transportation of Dangerous Goods (TDG):**

Not regulated

**U.S. Hazardous Materials Regulation (DOT 49CFR):**

Reportable Quantity for Bulk US Shipments: 2,4-D 45.4 kg (100 lbs.)

**IMO Classification:**

Not regulated

**Marine Pollutants:**

Not applicable

**ICAO/IATA Classification:**

Not regulated



## SAFETY DATA SHEET

### Section 15: Regulatory Information

**Pest Control Products Act (Canada):** 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.

**WHMIS (Canada: Workplace Hazardous Materials Information System):**

WHMIS Classifications: Exempt from classification under WHMIS. Pest control product regulated under *Pest Control Products Act*.

**NSNR Status (Canada: New Substance Notification Regulations):** All ingredients are listed, as required, on the Domestic Substances List (DSL).

**TSCA Status (U.S.A. Toxic Substance Control Act):** All ingredients are listed on the TSCA inventory.

### Section 16: Other Information

**Preparation Information:**

**Revision date:** 2010-09-21

**Manufacturer Disclaimer:** The information contained herein is, to the best of the Manufacturer's (see Section 1 Product and Company Information) knowledge and belief, accurate and reliable as of the date of preparation of this document. However, no warranty or guarantee, express or implied, is made as to the accuracy or reliability, and the Manufacturer shall not be liable for any loss or damage arising out of the use thereof. No authorization is given or implied to use any patented invention without a license. In addition, the Manufacturer shall not be liable for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices or from any hazards inherent in the nature of the product.

**Prepared by:** LEHDER Environmental Services Limited  
Tel: (519) 336-4101  
www.lehder.com  
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