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*HERBANATUR Inc.*

## **A.D.I.O.S. Concentrate**

SELECTIVE HERBICIDE  
CONTROLS MANY BROADLEAF WEEDS

COMMERCIAL

REG. NO. 31299 P.C.P. ACT

GUARANTEE: Sodium Chloride.....36%

READ THE LABEL BEFORE USING  
KEEP OUT OF REACH OF CHILDREN

Net Contents: 200L to 1000L

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**DESCRIPTION:**

**A.D.I.O.S. Concentrate** is a fast acting selective herbicide for use to control broadleaf weeds, along highways, roadsides, cycleway, right-of-ways, parks, playgrounds, industrial sites, drive ways, residential lands, walkways and in vacant lots.

It is an odorless, post-emergent foliar treatment that provides rapid desiccation of many common annual, bi-annual and perennial broadleaf weeds. When applied according to label directions, **A.D.I.O.S. Concentrate** travels through the foliage, stems and root system. Visible signs of control may be seen within 24 hours after application due to rapid loss of water from plant cells.

**DIRECTIONS FOR USE:**

**A.D.I.O.S. Concentrate** effectively controls the following broadleaf weeds: Ragweed, Dandelion, Ground Ivy (Creeping Charlie), White Clover, and Poison Ivy, when applied prior to flowering. It is effective at all stages of plant growth. However, best results are obtained if used while plants are still small.

Foliage that does not receive the spray application will not be affected.

**APPLICATION:**

Spray weeds using a coarse nozzle setting to reduce drift until foliage, crown and stems are thoroughly wetted to the point of runoff.

A sprayer with directed jets (hand-held nozzle or boom) or a conventional tractor or spray-mount fixed boom is recommended. **Provide sufficient agitation during mixing and application to maintain a uniform spray mixture.**

<u>Species</u>	<u>Dilution rate</u>	<u>Application Volume*</u>	<u>Number of applications</u>
<u>Dandelion</u> <sup>1</sup>	<u>Mix 1L</u> A.D.I.O.S. Concentrate in 3 L water	<u>Spot Treatment</u>	<u>1-2</u>
<u>Poison Ivy</u> <sup>2</sup>	<u>Mix 1L</u> A.D.I.O.S. Concentrate in 2 L water	<u>23L/93m<sup>2</sup> to 35L/93m<sup>2</sup> (1000ft<sup>2</sup>)</u>	<u>3</u>
<u>White Clover and Ground Ivy</u>	<u>Mix 1L</u> A.D.I.O.S. Concentrate in 3 L water	<u>10L/93m<sup>2</sup> to 18.5L/93m<sup>2</sup> (1000ft<sup>2</sup>)</u>	<u>1</u>
<u>Ragweed</u>	<u>Mix 1L</u> A.D.I.O.S. Concentrate in 3 L water	<u>12L/93m<sup>2</sup> (1000ft<sup>2</sup>)</u>	<u>1</u>

\* Application volume needs to be adjusted depending on the quantity, the density and the age of the targeted weed.

1 Spot treatment is highly recommended for optimal results. To ensure dandelion root kill, make sure that the solution accumulates [pools] in the center of the crown as well as covers the leaves. An average of 40ml per plant is required for a full control. Depending on the age and size, a second application may be needed to control dandelion.

2 The maximum application volume should be used when the site of application is saturated with poison ivy. Poison Ivy requires three (3) applications four (4) week apart per season. It can take several years to get rid of the clone (rhizomes that multiply and run into the soil).

For lawns, best results occur when applied shortly after mowing.

### **CONDITIONS:**

For optimum control, apply **A.D.I.O.S. Concentrate** under sunny conditions when ambient temperature is around 24 °C. Some re-growth may occur following application made under less than favorable conditions such as cloudy or shady conditions, or when temperature is below 24 °C. Bi-annual and woody perennial weeds and more mature plants may require a second application.

**A.D.I.O.S. Concentrate** can be used one (1) hour after rainfall. Do not apply in rainy conditions or if rain is forecast within the next 24 hours.

Avoid application when winds are gusty. Foliage that is accidentally sprayed may be affected. If desired plants are contacted, rinse them off immediately with water. Use with care around ornamentals, near bushes and trees.

Adverse effects on perennial grass lawns, when applied at the recommended temperature, are minimal. Temporary fading gradually recovers after several days. Application during periods of drought may affect some grass species such as perennial poacea.

### 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) coarse classification. Boom height must be 60 cm or less above the crop or ground.

**DO NOT** apply by air.

### **Buffer zones:**

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

For application to rights-of-way, buffer zones for protection of sensitive terrestrial habitats are not required; however, the best available application strategies which minimize off-site drift, including meteorological conditions (e.g., wind direction, low wind speed) and spray equipment (e.g., coarse droplet sizes, minimizing height above canopy), should be used. Applicators must, however, observe the specified buffer zones for protection of sensitive aquatic habitats.

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), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop	Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitats of Depths:		Terrestrial habitat
		Less than 1m	Greater than 1 m	Less than 1m	Greater than 1 m	
Field sprayer	Rights-of-way, industrial sites, turfgrass	1	0	1	0	1*

\* Buffer zones for the protection of terrestrial habitats are not required for use on rights-of-way including railroad ballast, rail and hydro rights-of-way, utility easements and roads.

**PRECAUTIONS:**

KEEP OUT OF REACH OF CHILDREN

MAY CAUSE EYE & SKIN IRRITATION. Avoid contact with skin, eyes and clothing.

Avoid ingestion and inhalation. Wash hands after handling and before meals.

**FIRST AID:**

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. 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:**

Treat symptomatically.

**ENVIRONMENTAL HAZARDS:**

May be harmful to freshwater aquatic species and to plants that are not saline tolerant. TOXIC to aquatic organisms and non-target terrestrial plants. Sodium chloride may attract large mammals such as deer. Avoid using this product along roadsides in areas where high densities of deer are known to occur.

**DO NOT** apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, Prairie potholes, creeks, marshes, streams, reservoirs, ditches, and wetlands).

Observe buffer zones specified under DIRECTIONS FOR USE.

**STORAGE:**

Keep container tightly closed. Keep container in a cool, well-ventilated area.

**DISPOSAL:**

1. Make the empty bags unsuitable for further use.
2. Dispose of the bags in accordance with recycling provincial requirements.
3. 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.