

Lane County, Department of Public Works.
Product Considerations for Permitted Products List, Per 15.510 sec (4) a-e / Incorp. sec. (5) a-e

<i>Chemical Properties</i>			
Product Name	AQUAMASTER	Active Ingredients	GLYPHOSATE 53.8%
Known Inerts	Water 46.2%	Other Additives	Can be mixed or combined

<i>Human Toxicity Considerations.</i>	
4(a)i : Substances classified as known , likely , or probable carcinogen by the US EPA	EPA Classification: E "Evidence of non-carcinogenicity for humans"
4(a)ii : Substances classified as a known, likely, or probable carcinogen by IARC	Class 4: "Probably Not Carcinogenic to Humans"
4(a)iii : Substances listed by the state of California (Prop 65 list) or the National Toxicology program as know, likely, or probable human carcinogens.	No Cal Prop 65: known, likely or probable human carcinogens.
4(b) : Product contains no reproductive toxicants (CA Prop 65 list).	No Cal Prop 65 listed reproductive toxicants.
4(c) : Product contains no ingredients listed by Illinois EPA as known or probable endocrine disruptors.	Contains no ingredients listed as possible Endocrine Disruptors.
4(d) : Product is not acutely toxic to humans: product is not labeled as DANGER or POISON (Toxicity Class I or II).	Toxicity Class IV: EPA signal word "Caution"
4(e) : Product contains no nervous system toxicants (ingredients that are cholinesterase inhibitors and/or listed as nuerotoxic by the Toxics Release Inventory).	No listed nervous system toxicants or Cholinesterase inhibitors

Additional Considerations. Red = did not satisfy criteria

5(a) : Active ingredient has soil half-life of 30 days or less (<i>exception for minerals</i>)	Soil Half-life: Approx. 40 days
5(b) : Active ingredient has extremely low or very low mobility in soils	Extremely low
5(c) : Product is not found in US EPA of pesticide programs Registration Eligibility Decisions (RED's, IRED's, and TRED's) to exceed a level of concern for fish, Aquatic insects, aquatic and semi-aquatic plants, or wildlife.	Product is not found in EPA decision for RED's, IRED's or TRED's
5(d) : Active ingredients have not been detected in salmon waters at a level harmful to aquatic life	No. Readily soluble in water, low bioaccumulation factor
5(e) : Product is not labeled as toxic to fish, birds, bees, wildlife, or domestic animals.	EPA Classification: "Practically Non-Toxic"

Product Comments & Information

Aquamaster is a post-emergent, systemic herbicide with no residual soil activity. It gives broad-spectrum control of many annual weeds, perennial weeds, woody brush and trees. EPA acute Toxicity rating of "E" or "Evidence of Non-carcinogenicity for Humans" the most favorable rating granted. There are no restrictions on the use of water from treated areas for irrigation, recreation, or domestic purposes when used according to label directions.

<i>Intended Use of Herbicides</i>	Zone	Zone	Zone	Zone
1. Weed / Non-Preferred vegetation: Noxious weeds, invasive species, persistent vegetation, non-herbicide resistant species.	A	B	C	O
2. Public Safety: Road visibility, guardrails, road signs, public health, road condition, road shoulder.	A	B	C	O
3. Woody Plant Material: Foliar, cut stump, encroachment, hazard, mechanical resilience.	A	B	C	O
4. Road Structure: Drainage, road stability, erosion, integrity.	A	B	C	O
5. CIP: maintenance, pre-emergent, restoration.	A	B	C	O

Zone Descriptions: *Planned Use Area Colored / Shaded*
Zone A: Road edge to foreslope of ditch **Zone B:** Drainage ditch **Zone C:** Backslope to ROW egde **Zone O** - Other areas

Product Considerations for Permitted Products List, Per 15.510 sec (4) a-e / Incorpor. sec. (5) a-e
Documented Vegetation Control / Eradication with Aquamaster Herbicide

Annual, Perennial Species	Annual, Perennial Species	Woody Brush and Trees
<i>Bluegrass, Annual</i>	<i>Beachgrass, European</i>	<i>Alder</i>
<i>Buttercup</i>	<i>Bentgrass</i>	<i>Ash</i>
<i>Crabgrass</i>	<i>Bermudagrass</i>	<i>Birch</i>
<i>Falsedandelion</i>	<i>Bindweed, Field</i>	<i>Blackberry</i>
<i>Knotweed</i>	<i>Bluegrass, Kentucky</i>	<i>Broom; French, Scotch, Spanish</i>
<i>Morningglory</i>	<i>Brackenfern</i>	<i>Elderberry</i>
<i>Mustard (Complex)</i>	<i>Canarygrass, Reed</i>	<i>Elm</i>
<i>Puncturevine</i>	<i>Fescue, Tall</i>	<i>Gorse</i>
<i>Purslane, common</i>	<i>Knapweed</i>	<i>Hawthorn</i>
<i>Ragweed, common</i>	<i>Loosestrife, purple</i>	<i>Locust, Black</i>
<i>Russian Thistle</i>	<i>Poison Hemlock</i>	<i>Poison Oak</i>
<i>Ryegrass</i>	<i>Ryegrass, Perennial</i>	<i>Rose, Multiflora</i>
<i>Sowthistle, Annual</i>	<i>Thistle, Canada</i>	<i>Salmonberry</i>
<i>Speedwell, Purslane</i>	<i>Velvetgrass</i>	<i>Thimbleberry</i>
<i>Spurge, Annual</i>	<i>Wheatgrass, Western</i>	<i>Vine Maple</i>
<i>Starthistle, Yellow</i>		<i>Willow</i>

Partial list of plant species negatively effected by this herbicide.

Manufacturer Information & Contact Information

Manufacturer	Monsanto	EPA Reg. No.	524-343
Product Information Contact	1-800-332-3111	Emergency Contact	1-314-694-4000
CAS # A.	38641-94-0	pH	4.6-4.8 ph
CAS # I.	N/A	Appearance	Amber-Liquid
CAS # I.	N/A	Associated inert CAS # Name	N/A
CAS # I.	N/A	Associated inert CAS # Name	N/A
CAS # I.	N/A	Associated inert CAS # Name	N/A