

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

**Chemical Properties**

<b>Product Name</b>	<b>GARLON 3A</b>	<b>Active Ingredients</b>	TRICLOPYR 44.4%
<b>Known Inerts</b>	Ethanol, Triethylamine, EDTA 55.6%	<b>Other Additives</b>	Can be mixed or combined

**Human Toxicity Considerations.**

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

**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> )	<b>Soil Half-Life: 30-120 days, Average 75 days.</b>
5(b) : Active ingredient has extremely low or very low mobility in soils	<b>Moderate mobility</b>
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.	<b>Product is not found in EPA decision for RED's, IRED's or TRED's</b>
5(d) : Active ingredients have not been detected in salmon waters at a level harmful to aquatic life	<b>Solubility in water: miscible. No Salmon information detected</b>
5(e) : Product is not labeled as toxic to fish, birds, bees, wildlife, or domestic animals.	<b>Herbicide is slightly toxic to aqaotic organisms on acute basis</b>

**Product Comments & Information**

Garlon 3A herbicide is recommended for the control of woody plants, broadleaf weeds and vines. Use rates vary from 2 qt. an acre to 8 qt. an acre depending on plant densities. Garlon 3A can be used for both direct and foliar applications, depending on site conditions and management objectives.

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

**Zone Descriptions:**  
**Zone A:** Road edge to foreslope of ditch **Zone B:** Drainage ditch **Zone C:** Backslope to ROW egde **Zone O -** Other areas  
*planned use area is shaded/ colored*

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**Documented Vegetation Control / Eradication with Garlon 3A. Herbicide**

Annual, Perennial Species	Grass, Sedge, Rush Species	Woody Brush and Trees
<i>Bindweeds</i>		<i>Alder</i>
<i>Burdock</i>		<i>Ash</i>
<i>Canada Thistle</i>		<i>Birch</i>
<i>Chicory</i>		<i>Blackberry</i>
<i>Dandelion</i>		<i>Cherry</i>
<i>Plantain</i>		<i>Chinquapin</i>
<i>Purple Loosestrife</i>		<i>Choke Cherry</i>
<i>Tansy Ragwort</i>		<i>Cottonwood</i>
<i>Vetch</i>		<i>Hawthorn</i>
		<i>Douglas Fir</i>
		<i>Elderberry</i>
		<i>Locust</i>
		<i>Kudzu</i>
		<i>Maples</i>
		<i>Poison Oak</i>
		<i>Scotch Broom</i>

*Partial list of plant species negatively effected by this herbicide.*

**Manufacturer Information & Contact Information**

Manufacturer	DOW Agrosiences	EPA Reg. No.	62719-37
Product Information Contact	1-800-258-1470	Emergency Contact	1-800-992-5994
<b>CAS # A.</b>	57213-69-1	<b>pH</b>	No information
<b>CAS # I.</b>	000060-00-4	<b>Appearance</b>	Purple-liquid
<b>CAS # I.</b>	000064-17-5	<b>Associated inert CAS # Name</b>	Ethyenediamine (Tetraacetic acid) 2.3%
<b>CAS # I.</b>	000121-44-8	<b>Associated inert CAS # Name</b>	Ethanol
		<b>Associated inert CAS # Name</b>	Triethylamine 3%