



# CREMATE

ACIDIFIER · HUMECTANT · WATER CONDITIONING AGENT

**PRINCIPAL FUNCTIONING AGENTS:**

Monocarbamide dihydrogen sulfate, 1,2,3-trihydroxypropane, alcohol ethoxylate.....	88.85%
Constituents ineffective as spray adjuvants.....	11.15%
TOTAL.....	100%

All ingredients are exempt from tolerance under 40 CFR 180. WA Reg. 997770-15005

**DANGER**  

**KEEP OUT OF REACH OF CHILDREN**

May be corrosive to metals. Harmful if swallowed. Causes severe skin burn and eye damage. Causes serious eye damage. May be harmful if inhaled. Keep out of reach of children. Read label before use. Keep container tightly closed. Keep only in original container. May rupture unvented containers. Store in ventilated containers only. Keep only in original container. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

**Personal Protective Equipment:** Wear protective gloves/protective clothing/eye protection/face protection.

**FIRST AID**

Call a poison control center or doctor immediately for treatment advice. Have the product container with you when calling a poison control center or doctor, or going for treatment.

**IF IN EYES:** Immediately call a POISON CENTER, doctor or physician. Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do then continue rinsing. Have the product container with you when calling a poison control center or doctor, or going for treatment.

**IF ON SKIN OR CLOTHING:** Remove or take off immediately all contaminated clothing. Rinse skin with water or shower. Call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice.

**IF SWALLOWED:** Immediately call a poison center, doctor, chemical manufacturer, importer, or distributor to specify the appropriate source of emergency medical advice Unless advised otherwise by a poison control center or doctor, have person rinse mouth with water, if able. Do not give anything by mouth to an unconscious person. Do NOT induce vomiting.

**IF INHALED:** If breathing is difficult, remove person to fresh air and keep at rest in a position comfortable for breathing. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth to mouth if possible.  
Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

**NET CONTENTS: 2 x 2.5 U.S. Gallons (2 x 9.46 L)**

**Oregon Vineyard Supply**

2700 NE St Joseph Rd.  
McMinnville, OR 97128  
800.653.2216



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## GENERAL INFORMATION

CREMATE is engineered to improve the performance of herbicides by facilitating the rapid burn of target weeds and a more complete kill down. CREMATE quickly penetrates waxy, wetting-resistant cuticles which enhances herbicide absorption and intracellular transport to the mode of action site. Water conditioners in CREMATE promote tank mix carrier stability when combining active ingredients with different modes of action and a nonionic surfactant (NIS) increases effective wetting throughout the canopy layers. An antifoaming agent is included to limit foaming during tank mixing. CREMATE significantly reduces the pH of the tank mix.

## DIRECTIONS FOR USE

***Creimate may be used with all crops and non-crops including agriculture, industrial vegetation management (IVM), turf and ornamental. Not for Aquatic Use.***

The active ingredient label recommendations of the most restrictive tank mix partner must be followed. If the active ingredient label does not specify the use of a water conditioner, nonionic surfactant (NIS) and humectant, follow the directions below. Use only if a water conditioner, nonionic surfactant (NIS) and humectant is allowed or not excluded on the active ingredient label.

CREMATE contains ammonium sulfate.

Products containing monocarbamide dihydrogen sulfate create low pH conditions in the tank mix even at very low use rates. Weak acid herbicide salts such as 2,4-D amine or Dicamba IPA salts will be incompatible with these low pH conditions.

Do not add CREMATE to tank mixes that combine pH lowering pesticides like glyphosate with weak acid herbicide salts such as clopyralid, amines of 2,4-D and dicamba or copper fungicides and sulfonurea products. The ester formulations of 2,4-D, dicamba and clopyralid are completely compatible with low pH tank mix combinations. Refer to the active ingredient label for more information.

Gelling, precipitation or coagulation may result when combining products that are incompatible in low pH conditions.

If the user does not have experience with the mixture being applied, perform a jar test using the order and amounts in the mixture and perform a phytotoxicity test to ensure crop safety.

Prior to mixing you should fill your spray tank with half of the carrier you intend to use. Then start the sprayer and check to make sure that all valves and gauges work and that you have proper tank agitation.

Order of addition

In general, follow the W-A-L-E-S plan when adding herbicides to a tank mix.

1. Wettable Powders (WP) then Flowables (F, DF)
2. Agitate then add adjuvants such as anti-foaming compounds, buffers
3. Liquid and Soluble products
4. Emulsifiable concentrates (EC)
5. CREMATE

## USE RATES

Application	per 100 gallons of spray solution
Glyphosate, full load	1 to 2 quarts of CREMATE
Glyphosate, half load or unloaded	2 to 4 quarts of CREMATE
Other active ingredients	1 to 2 quarts of CREMATE

## STORAGE AND DISPOSAL

**Storage:** Will corrode incompatible materials. Extremely corrosive to copper, aluminum, zinc. Corrosive to 304 and 316 stainless steel. Polyethylene or polypropylene or other polymers are acceptable materials of construction. Storage tanks should be vented and painted white or in light heat deflecting colors. Ensure that all pumps, valves, meters gaskets, etc are of compatible material. Store in a dry place. Store in a cool well ventilated area. Keep in original container tightly closed. May rupture unvented containers. Store in ventilated containers only. Do not reuse empty container. Do not store with food, feed, or other material to be used or consumed by humans or animals. Do not contaminate water supplies. For optimal storage, store between 40° and 90° F.

**Disposal:** Do not contaminate water, food or feed by storage or disposal. Dispose of contents in container to an approved waste disposal facility in accordance with all federal, state and local regulations. Triple rinse (or equivalent) adding rinse water to application tank. Offer container for recycling or dispose of in a sanitary landfill or by other procedures approved by local regulations. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at [www.acrcycle.org](http://www.acrcycle.org).

## CONDITIONS OF SALE – LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the Conditions of Sale – Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Oregon Vineyard Supply, (OVS) (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Oregon Vineyard Supply's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.