

10163-201

7/23/2002

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ACCEPTED

JUL 23 2002

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 10163-201

BETASAN TECHNICAL

SELECTIVE HERBICIDE

SELECTIVE HERBICIDE FOR FURTHER MANUFACTURE OF PESTICIDES ONLY

% By Wt.

ACTIVE INGREDIENT:

S-(0,0-Diisopropyl phosphorodithioate) ester of N-(2-mercaptoethyl) benzenesulfonamide 92.0%

INERT INGREDIENTS..... 8.0%

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN WARNING

FIRST AID Organophosphate Insecticide	
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center 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 center or doctor. • Do not give anything by mouth to an unconscious person
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes • Call a poison control center or doctor for treatment advice.
If Inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. • Call a poison control center or doctor for further treatment advice.
If in Eyes:	<ul style="list-style-type: none"> • 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 center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-888-478-0798 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
This product is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.	

FOR EMERGENCY MEDICAL RESPONSE AND HAZARD COMMUNICATIONS ONLY CALL 1-800-228-5635 EXT. 283.

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals WARNING

May be fatal if swallowed. Harmful if absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing dust. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

Keep out of domestic or animal water supplies. Do not store or transport with food or animal feed.

ENVIRONMENTAL HAZARDS

This chemical is toxic to fish and aquatic invertebrates, and poses a risk to reproduction of birds. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your state Water Board of Regional Office of the EPA.

500 LB. NET WT. (227 Kg)

EPA Reg. No. 10163-201
EPA Est. No. 66196-CA-1



Gowan Company
P.O. Box 5569
Yuma, Arizona 85366-5569

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This pesticide is for the further manufacture of formulated herbicides only. Formulators using this product are responsible for obtaining EPA registration for their formulated products.

Only for formulation into a herbicide for the following uses:

Terrestrial food use on (preplant, preemergence, or soil incorporation only):

Bulb onions
Carrots
Cucurbits Crop Group
Cole Crops Crop Group
Fruiting Vegetables Crop Group
Garlic
Leafy Vegetables Crop Group
Shallots

Terrestrial non-food use on:

Turf grass (residential and commercial grass) including, but not limited to: Bahiagrass, Bentgrass spp., Bermudagrass spp., Perennial bluegrass, Centipedegrass, Fescue spp., Pensacola bahiagrass, Perennial ryegrass, Rough stalk bluegrass (*Poa trivialis*), St. Augustinegrass, Red top, and Zoysiagrass, Bentgrass cultivars, and Dichondra
Ornamentals (agricultural use only)

Use for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration and uses for experimental purposes that are in compliance with USEPA requirements.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Store at warm temperatures, but not above 115°F. Some crystallization may occur at 95°F, but product normally super-cools to remain liquid at much lower temperatures. Use warm water (110°-140°F) on exterior of vented drum(s) to melt any crystallized material. Do not contaminate BETASAN with water.

DO NOT USE STEAM. Use jacketed or insulated equipment for bulk transfer and storage to prevent crystallization.

PESTICIDE DISPOSAL: Wastes resulting from the use of the product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

SPILL OR LEAK: Make sure all personnel involved in spill are aware of the hazards associated with this material. A small spill can be handled routinely considering the physical and hazardous properties of the products as well as the location of the spill. Use adequate ventilation and wear an air-supplied respirator to prevent inhalation contact. Wear protective clothing to prevent skin and eye contact. Soak up pooled liquid as follows:

1. If BETASAN is in the liquid state: Spread a suitable absorbent such as clay on the liquid. If BETASAN is in the solid state: Sweep up the powder being careful not to create dust.
2. Place sweepings in an open drum.
3. Generously cover the contaminated area with a common household detergent. Using a stiff brush, work the detergent into the spill material adding sufficient water to form slurry. Brush the slurry into cracks and crevices and allow to stand for 2 to 3 minutes. Be careful to completely avoid skin or eye contact; do not splatter on one's self or bystanders.
4. Spread absorbents on the slurry liquid, and shovel the absorbed material into an open drum.
5. Repeat if necessary.
6. Flush area with water, while observing proper environmental considerations.
7. Seal drum and dispose of contaminated material in an approved pesticide dump.

Large spills must be handled according to a predominated plan. For assistance in developing a plan, contact Gowan Company.

FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK OR FIRE), CALL CHEMTREC® (800) 424-9300.
For other product information, contact Gowan Company or see Material Safety Data Sheet.

NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

This product is sold only for uses stated on its label. No express or implied license is granted to use or sell this product under any patent in any country except as specified: Country: United States of America. BETASAN® is a trademark of ZENECA Group Company.

Made in U.S.A.