

**Restricted Use Pesticide**  
Due to primary eye and skin toxicity Category 1. For retail sale to, and use only by, Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.



# NUSAN<sup>®</sup> 30 E.C.

GROUP P2 FUNGICIDE

**ACTIVE INGREDIENT:**

2-(thiocyanomethylthio) benzothiazole\* ..... 30%  
**INERT INGREDIENTS:** ..... 70%  
**TOTAL** ..... 100%

Contains xylene range solvent. Contains 2.64 pounds TCMTB per gallon.

\*Contains Petroleum Distillate

EPA Reg. No. 2935-389

EPA Est. No. 2935-CA-1

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER -- PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID	
If on skin or on clothing:	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If in eyes:	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
If inhaled:	<ul style="list-style-type: none"><li>• Move the person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
If swallowed:	<ul style="list-style-type: none"><li>• Immediately call a poison control center or doctor.</li><li>• Do not induce vomiting unless told to by a poison control center or doctor.</li><li>• Do not give liquid to the person.</li><li>• Do not give anything to an unconscious person.</li></ul>
<b>NOTE TO PHYSICIAN:</b> May pose aspiration pneumonia hazard. Contains petroleum distillate. Probable mucosal damage may contraindicate the use of gastric lavage. Exposure to skin or eyes may result in the following symptoms: Dermal exposure: skin irritation/burning, rash, itching, skin discoloration/redness and blistering. Ocular Exposure: eye irritation/burning, eye pain and swelling of eyes.	
<b>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact EMERGENCY TELEPHONE NUMBERS:</b> (800) 424-9300 CHEMTREC (transportation and spills) (800) 222-1222 POISON CONTROL CENTER (human health) (888) 426-4435 ASPCA (animal health)	

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER. Corrosive. Causes skin burns. Causes irreversible eye damage. May be fatal if absorbed through skin or inhaled. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Do not breathe dust. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Loaders, applicators, and other handlers must wear (A) Long-sleeved shirt and long pants; (B) shoes and socks, (C) chemical resistant gloves, (D) goggles, and (E) a NIOSH-approved respirator with an organic vapor (OV) cartridge with a combination N, R or P filter with NIOSH approval number prefix TC-84A; or a NIOSH approved gas mask with a canister with NIOSH approval number prefix TC-14G; or powered air purifying respirator with organic vapor (OV) cartridge and combination HE filter with NIOSH approval number prefix TC-23C. In addition, when mixing, loading or cleaning equipment, wear a chemical resistant apron.

**USER SAFETY REQUIREMENTS**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**USER SAFETY RECOMMENDATIONS**

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.  
Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.  
Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, aquatic invertebrates, oysters, and shrimp. 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 Pollution 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 or Regional Office of the EPA.

**DIRECTIONS FOR USE**  
**Restricted Use Pesticide**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**ALWAYS READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

Not for use on agricultural establishments in hopper-box, planter box, slurry box or other seed treatment applications at or immediately before planting.

Do not apply this product through any type of irrigation system.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

**IMPORTANT:** Do not use crops grown from NUSAN® 30 E.C. treated seed for grazing of livestock or to harvest as silage or forage for seven weeks after planting. However, grain harvested from plants grown from NUSAN 30 E.C. treated seed can be used for food or feed.

NUSAN 30 E.C. is for the control of seed-borne fungi that impair the germination and seedling development of cotton, rice and safflower. NUSAN 30 E.C., when used as directed, will usually increase stands and yields of these crops by preventing seed decay and seedling diseases. NUSAN 30 E.C. is effective against *Rhizoctonia*, *Pythium*, *Fusarium* and certain other fungi.

NUSAN 30 E.C. can be applied directly to the seed from the drum or as an agitated dispersion in water. The recommended rates on the crops presented below may be dispersed in as much as 16 fl. oz. of water and applied to 100 lbs. of seed.

Crop	Application Rates per 100 lb. Seed	Fungi and Diseases Controlled
Cotton*	Acid delinted seed: 1.25 to 4 fl. oz. Machine delinted seed: 1.5 to 5 fl. oz.	Seed and seedling rots, damping-off, soreshin ( <i>Pythium</i> , <i>Rhizoctonia</i> , <i>Fusarium</i> )
Rice	1 to 1.25 fl. oz.	<i>Pythium</i> , <i>Helminthosporium oryzae</i> , water mold (achlya)
Safflower	1 to 2 fl. oz.	Safflower rust ( <i>Puccinia cartham</i> )

\*Under heavy *Pythium* pressure and at rates below 4 fl. oz. per 100 pounds of seed, Wilbur-Ellis Company LLC recommends the addition of a systemic *Pythium* control product.

If seed is stored longer than 18 months, re-treatment with NUSAN 30 E.C. may be necessary.

The Federal Seed Act requires that containers containing treated seeds shall be labeled with the following statements:

- This seed has been treated with NUSAN 30 E.C., a fungicide containing 2-(Thiocyanomethylthio)benzothiazole (TCMTB).
- Do not use treated seed for feed, food, or oil purposes.

The U.S. Environmental Protection Agency requires the following statements on containers containing seed treated with 2-(Thiocyanomethylthio)benzothiazole (TCMTB).

- Store treated seed away from food and feedstuffs.
- Do not allow children, pets, or livestock to have access to treated seeds.
- Wear long pants, long-sleeved shirt and protective gloves when handling treated seed.
- Treated seeds exposed on the soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading and planting.
- Dispose of all excess treated seed by burying seed away from bodies of water.
- Do not contaminate bodies of water when disposing of planting equipment wash water.
- Dispose of seed packaging or containers in accordance with local requirements.
- Excess treated seed may be used for ethanol production if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.

**USE RESTRICTIONS:** When using formulations that do not contain dye, to comply with 40 CFR 153.155, all seed treated with an economic poison must be colored with an EPA approved dye such as one of the dyes listed in 40 CFR Sections 180.910 and 180.920 to distinguish and prevent subsequent inadvertent use as a food for man or feed for animals.

## RESISTANCE MANAGEMENT

Nusan 30 E.C. contains a Group P2 fungicide. Fungal isolates with required resistance to Group P2 fungicides may eventually dominate the fungal population if Group P2 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by Nusan 30 E.C. or other Group P2 fungicides.

To delay fungicide resistance consider the following:

- (1) Avoid the consecutive use of Nusan 30 E.C. or other target site of action Group P2 fungicides that have a similar site of action, on the same pathogen.
- (2) Base fungicide use on a comprehensive IPM program.
- (3) Monitor treated fungal populations for loss of field efficacy.
- (4) Contact your local extension specialist, certified crop advisors, and/or manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in a cool, dry, secure area in original container.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of onsite or at an approved waste disposal facility. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING: Nonrefillable containers: 30 gallons.** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact Ag Container Recycling Council (ACRC) at 877-952-2272 or [rperkins@acrecycle.org](mailto:rperkins@acrecycle.org). If recycling is not available, dispose of in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Nonrefillable containers: 5 gallons.** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. Recycling cleaned containers is the best option of container disposal. ACRC (Agricultural Container Recycling Council) operates a national recycling program. To contact your state or local ACRC recycler, visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org). If recycling is not available, dispose of in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### Conditions of Sale and Limitation of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using the product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

**ALL STATEMENTS MADE HEREIN ARE SUBJECT TO APPLICABLE LAW, AND TO THE EXTENT THERE IS ANY INCONSISTENCY OR CONTENTION, APPLICABLE LAW SHALL GOVERN.**

The Directions for Use of the product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of many different factors including, without limitation, manner of use or application, weather, combination with other products, or crop conditions. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Manufacturer and Seller harmless from any claims relating to such factors.

**Seller warrants that this product conforms to the chemical description on the label. EXCEPT FOR THIS WARRANTY, THE PRODUCT IS FURNISHED "AS-IS", AND NEITHER SELLER NOR MANUFACTURER MAKES ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT; SELLER AND MANUFACTURER SPECIFICALLY DISCLAIM ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE BEYOND WHAT IS STATED ON THE LABEL. Buyer and User accept all risks arising from any use of this product, including without limitation, uses contrary to label instructions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Manufacturer.**

Neither Manufacturer nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE BUYER OR USER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT, OR, AT THE ELECTION OF MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

These Conditions of Sale and Limitation of Warranty and Liability shall be interpreted, unless otherwise required by the law of the state of purchase, in accordance with the laws of the State of California, excluding its conflicts of laws rules, and may not be amended by any oral or written agreement.

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**In Case of Emergency, Call CHEMTREC: (800) 424-9300**

**Manufactured by:  
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**NET CONTENTS: 5 Gallons**