83529-11 109-12-2007

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#### U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Registration Division (7504P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

EPA Reg. Number:

Date of Issuance:

83529-11

SEP 1 2 2007

Term of Issuance:

Conditional

Name of Pesticide Product:

**SHAR-TEB 3.6FL Fungicide** 

Name and Address of Registrant (include ZIP Code):

Sharda USA LLC P.O. Box 640 Hockessin, DE 19707

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

Signature of Approving Official:

Date

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Mary L. Waller, Product Manager (21)

Fungicide Branch, Registration Division (7504P)

Mary L. Waller

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- 2. Submit the following studies within 18 months of the date of this product registration:
  - a. Storage Stability OPPTS 850.6317
  - b. Corrosion Characteristics -- OPPTS 850.6320
- 3. Make the following changes to the label:
  - a. Change the product registration number to "EPA Reg. No. 83529-11"
  - b. In the list of ingredients on page 1 change the concentration of "Other Ingredients" from 60.8% to 61.3%.
  - c. On page 2 add the following to the paragraph that follows the subheader "Hazards to Humans and Domestic Animals Caution": "Causes moderate eye irritation."
- 4. Submit one copy of the revised final printed label for the record before the product is released for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Mary L. Waller

Product Manager (21)

Fungicide Branch

Registration Division (7504P)

Mary L. Waller

Enclosure:

Label stamped "Accepted with Comments"

Acute Toxicity Similarity Review dated August 14, 2007

Product Chemistry Review dated July 25, 2007





ACCEPTED

with COMMENTS In EPA Letter Dated

Fundicide, and Redenticide

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ACTIVE INGREDIENT: Tebuconazole, alpha-[2-(4-chlorophenyl)ethyl]-	
alpha-(1,1-dimethylethyl)-1 <i>H</i> -1,2,4-triazole-1-ethanol	38.7%
OTHER INGREDIENTS:	60.8%
TOTAL:	
Contains 3.6 pounds tebuconazole per gallon	

#### STOP – Read the Label Before Use

### KEEP OUT OF REACH OF CHILDREN **CAUTION**

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

#### **FIRST AID**

#### If swallowed:

- 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:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

#### If in eyes:

- Hold eye open and rinse slowly and gently with water for 15 to 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.

#### If inhaled: .

- 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

Note To Physician: No specific antidote. Treat symptomatically.

Symptoms of Poisoning: The compound does not cause any definite symptoms that would be diagnostic. Contact with the eyes may cause irritation.

#### **EMERGENCY TELEPHONE NUMBERS:**

FOR MEDICAL EMERGENCIES: (303) 623-5716 (Rocky Mountain Poison Control Center) FOR TRANSPORTATION EMERGENCIES: (800) 424-9300 (Chemtrec)

> EPA Reg. No. 83529

EPA Est. No.

NET CONTENTS: Gallons

Manufactured for: Sharda USA LLC P.O. Box 640 Hockessin, Delaware 19707

### PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

June 8, 2007 Draft label Page 1 of 6

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION



Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with skin, eyes, and clothing. Avoid breathing vapor or spray mist.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category C on an EPA chemical-resistance category selection chart. Applicators and other handlers must wear long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate, or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride or viton, and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### **ENGINEERING CONTROLS STATEMENTS**

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

#### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to estuarine and marine invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

#### **DIRECTIONS FOR USE**

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

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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard?

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves, such as barrier laminate or butyl rubber or nitrile rubber or neoprene rubber or polyvinyl chloride or viton
- · Shoes plus socks



#### GENERAL INFORMATION FOR AGRICULTURAL USES

#### SHAKE WELL BEFORE USING

Spray Volume: Apply SHAR-TEB 3.6FL with ground or aerial equipment using sufficient volume of spray to provide thorough coverage. SHAR-TEB 3.6FL may be applied in a minimum of 10 gallons of spray solution per acre by ground sprayer or in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment. Check equipment calibration frequently. Continuous agitation is required to keep the material in suspension.

Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied. If necessary, increase the spray volume per acre for complete crop coverage. Use the higher rate under conditions of severe disease pressure. Also, see local State Extension Service recommendations for application schedules.

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

Mixing: Add recommended amount of SHAR-TEB 3.6FL into the spray tank while filling with water to the desired level. Operate the agitator while mixing. If other materials are added to the spray tank, the SHAR-TEB 3.6FL should be thoroughly dispersed prior to the addition of other materials.

Compatibility: To determine the compatibility of SHAR-TEB 3.6FL with other products, the following procedure should be followed: Pour the recommended proportions of the products into a suitable container of water, mix thoroughly and allow to stand at least five minutes. If the combination remains mixed or can be re-mixed readily, the mixture is considered physically compatible.

CROP	DISEASES	FL OZ SHAR-TEB 3.6FL/ ACRE	REMARKS
Grasses Grown for Seed	General Information		Apply the specified rate of SHAR-TEB 3.6FL in a minimum of 20 gallons of water per acre with ground sprayers or in a minimum of 10 gallons of water per acre with aircraft. Thorough coverage is important for optimum disease control. For optimum benefit, the lowest recommended rate of a spray surfactant should be tank mixed with SHAR-TEB 3.6FL. Do not apply more than 16 fl. oz. (.45 lb a.i.) per acre per crop season. Chaff, screenings and straw from treated areas may be used for feed purposes. Do not forage, cut green crop, or use seed for feed purposes. Regrowth may be grazed starting 17 days after last application. Preharvest interval: 4 days
	Rusts (Puccinia spp.)	4 to 8	Apply the specified rate of SHAR-TEB 3.6FL as soon as weather conditions are favorable for rust development or when first rust pustules are present. Repeat applications at 14- to 16-day intervals. Under heavy disease pressure use 6 to 8 fl oz/A and apply at shorter spray intervals.
	Powdery mildew	4 to 8	Apply specified rate of SHAR-TEB 3.6FL when powdery mildew first appears on the leaves. Repeat applications at 14- to 16-day intervals. Under heavy disease pressure use 6 to 8 fl 9z/A, and apply at shorter spray intervals.

		FL OZ	
CROP	DISEASES	SHAR-TEB	REMARKS
		3.6FL/ ACRE	
			For optimum control of the specified soilborne
Peanut			diseases, four consecutive applications of SHAR-TEB
•	}		3.6FL must be made at 14-day intervals. A maximum
			of 28.8 fl. oz. (.81 lbs. a.i.) of SHAR-TEB 3.6FL may
	.•		be applied per crop season. SHAR-TEB 3.6FL may be
			applied up to 14 days before harvest. Do not feed hay
		or threshings or allow livestock to graze in treated	
			areas.
			SHAR-TEB 3.6FL is a sterol demethylation inhibitor
			(DMI) fungicide. Chlorothalonil may be tank mixed at
•		•	the rate of 12 ounces of active ingredient with SHAR-
			TEB 3.6FL as a leaf spot resistance management
	General Informa	ation	strategy. A spray surfactant is not necessary when
			SHAR-TEB 3.6FL is tank mixed with chlorothalonil.
			Mixing or alternating SHAR-TEB 3.6FL with other
		•	DMI fungicides may lead to resistance.
		•	SHAR-TEB 3.6FL must be carried by rainfall or
			irrigation into the root and pod zone for control of root
			and pod rots caused by Sclerotium rolfsii and
		•	Rhizoctonia solani. Drought conditions will decrease
			the effectiveness of SHAR-TEB 3.6FL against the root
			and pod rots. Use SHAR-TEB 3.6FL in conjunction
		•	with cultural practices that are known to reduce the
			severity of soilborne diseases, such as proper crop
		·	rotation practices.
	SOILBORNE:		FOUR-APPLICATION SPRAY PROGRAM:
	Cylindrocladium Black Rot		Apply the specified rate in a preventive spray schedule.
	(suppression)		See table below for proper timing of applications.
	Rhizoctonia Limb Rot		Applications of chlorothalonil should be made prior to
	Rhizoctonia Pod Rot		and following applications of SHAR-TEB 3.6FL to
	(Virginia and North		discourage development of resistant strains of fungi.
	Carolina only)		For optimum control of foliar diseases such as leaf rust,
	Sclerotium Stem and Pod Rot	7.2	web blotch, and pepper spot, the lowest label
	(White Mold, Southern Blight, Southern Stem Rot)	7.2	recommended rate of a spray surfactant should be tank- mixed with SHAR-TEB 3.6FL.
	FOLIAR:		LEAF SPOT ADVISORY SCHEDULE: For control
	Early Leaf Spot		of soilborne diseases in an advisory schedule, apply
•	Late Leaf Spot		SHAR-TEB 3.6FL in the first advisory spray in July
	Leaf Rust		and continue SHAR-TEB 3.6FL applications at 14-day
	Pepper Spot	,	intervals. When applying SHAR-TEB 3.6FL after
(Leptosphaerulina)			August 15, tank mix with chlorothalonil for resistance
	Web Blotch (Phoma)	1	management purposes.
Application Timing	<del></del>	um Control of Whit	te Mold and Rhizoctonia Limb and Pod Rot
Spray Program	SHAR-TEB 3.6FL Application		Chlorothalonil Application No.
7 applications			
/ applications	3, 4, 5 and 6	· · · · · · · · · · · · · · · · · · ·	1,2 and 7



## OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS, AND ESTUARIES.

Apply only during alternate years in fields adjacent to aquatic areas listed above.

Do not apply by ground or air within 100 feet of aquatic areas listed above.

Do not cultivate within 10 feet of an aquatic area to allow growth of a vegetative filter strip.

Spray Drift Management: For aerial applications, the spray boom should be mounted on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used, and must not exceed 75% of the wingspan or rotor diameter.

Use the largest droplet size consistent with pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure. Apply in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment.

Spray should be released at the lowest possible height consistent with good pest control and flight safety. Applications more than 10 feet above the crop canopy should be avoided.

Make aerial or ground applications when wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph. Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.

Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature. Do not make aerial or ground applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

#### ROTATIONAL CROPS

Treated areas may be replanted with any crop specified on this label as soon as practical after last application. Any crop not specified on this label may be planted into treated areas 120 days after last application.

#### STORAGE AND DISPOSAL

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

Pesticide Storage: Store in the original container in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store out of the reach of children, preferably in a locked storage area.

Open and handle container in a manner as to prevent spillage. If container is leaking, invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away.

Pesticide Disposal: Wastes resulting from the use of this 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 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

The Directions for Use of this 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 such factors as manner of use or application, weather or crop conditions, presence of other materials, resistant strains or other influencing factors in the use of the product. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Sharda USA LLC, Manufacturer and Seller harmless for any claims relating to such factors. TO THE EXTENT CONSISTENT WITH



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