

Mesh™ 2FS

SEED TREATMENT FOR SAFENING GRAIN SORGHUM AGAINST HERBICIDE INJURY

For use by commercial seed treaters only

SAFENING INGREDIENT:

Flurazole (CAS No. 72850-64-7) 21.3%*

OTHER INGREDIENTS: 78.7%

TOTAL: 100.0%

*Contains 2.0 lbs. active per gallon or 240 grams per liter.

KEEP OUT OF REACH OF CHILDREN

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 INHALED:	• Move to fresh air. Call a Poison Control Center or doctor.
IF ON SKIN:	• Remove contaminated clothing. Wash with soap and plenty of water. Call a Poison Control Center or doctor.
IF IN EYES:	• Rinse with plenty of water for 15 to 20 minutes. Call a physician.
IF SWALLOWED:	• Call a POISON CONTROL CENTER or doctor immediately. Do not induce vomiting without medical advice.

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

FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE CALL ROCKY MOUNTAIN POISON AND DRUG SAFETY: 1-866-673-6671.

FOR 24-HOUR CHEMICAL EMERGENCY (Spill, leaks, fire, exposure or accident) CALL CHEMTREC: 1-800-424-9300 or +1-703-527-3887.

For Product Use Information Call 1-800-438-6071



Warning

Causes serious eye irritation.

Wash face and hands thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present, and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Read SDS before use.

040820V001

EPA Est. No.



UPL

Produced For:

UPL NA Inc.

630 Freedom Business Center, Suite 402

King of Prussia, PA 19406 U.S.A.

NET CONTENTS: _____

PRECAUTIONARY STATEMENTS

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are listed below.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Socks and shoes,
- Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber, or Viton.

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.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE 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

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Cover or incorporate spilled treated seed. Do not contaminate water when disposing of equipment washwater or rinsate.

USE INFORMATION

MESH™ 2FS safens grain sorghum germination and emergence by specifically reducing seed and seedling injury caused by herbicide products containing the active ingredients metolachlor, smetolachlor, acetochlor and dimethenamide, among others. Without treatment with **MESH™ 2FS**, grain sorghum may suffer significant injury from these herbicides.

DIRECTIONS FOR USE

Apply **MESH™ 2FS** uniformly to high quality sorghum seed at the following application rates:

Quantity of Seed (lbs)	Amount of MESH™ 2FS
100	3.25 - 4.5 fl oz

MIXING INSTRUCTIONS

CONSTANT AGITATION IS REQUIRED whenever a custom blend of **MESH™ 2FS** is in the mixtank. Application equipment must be cleaned out immediately after treatment.

COMPATIBILITY WITH FUNGICIDES AND INSECTICIDES

MESH™ 2FS is compatible with most STartUP™ and Rancona® branded fungicide and insecticide seed treatment products labeled for use on Sorghum. However, conducting appropriate compatibility testing with all seed treatment products is warranted when using **MESH™ 2FS** unless compatibility has been verified previously. Always conduct a standard compatibility test before mixing commercial quantities of this product with another product, to assure that there is acceptable compatibility. If incompatibility is found, a compatibility agent must be used, and the drying time should be extended before bagging the treated seed. Read and carefully follow the label directions of each combination product. When using combinations of products, the most restrictive of label and precautions must be followed.

QUALITY CONTROL

To assure quality standards, treat a sample of each seed lot with **MESH™ 2FS** and check for germination and safening protection. Only those seed lots meeting acceptable seed company germination standards from these tests should be treated in large quantities.

GERMINATION AND VARIETAL DIFFERENCES

Germination of grain sorghum treated with **MESH™ 2FS** may be affected by genetic differences among varieties (endosperm lines), seed vigor, adverse growing conditions, or seed lots with seed coat damage. For best results, treat a sample of each commercial seed lot with **MESH™ 2FS** and check for germination. Herbicide protection can be checked by running a standard bioassay procedure in either a laboratory or greenhouse. Only those seed lots meeting acceptable germination standards from these tests should be treated in commercial quantities.

GERMINATION AND ENVIRONMENTAL DIFFERENCES

Optimum germination and emergence of grain sorghum occurs when the soil temperature at 1.5 to 2.0 inch planting depth is between 65° and 70°F. Planting too early or planting into cold/wet soils will delay emergence and subject the seed to additional stress. When cool soils persist prior to planting, we recommend that you use only those varieties that exhibit acceptable cold tolerance, to minimize possible germination reduction.

CARRY OVER SEED

Grain sorghum seed treated with **MESH™ 2FS** at the labeled rate may be carried over and planted the year following initial seed treatment provided that its germination is acceptable.

TREATED SEED LABELING

Grain sorghum seed treated with **MESH™ 2FS** may be tagged and sold only for planting, provided the following statement appears on the tag or container:

“WARNING: TREATED SEED. DO NOT USE FOR FOOD, FEED OR OIL PURPOSES.”

The labels of registered seed treatment fungicides and insecticides may contain specific wording for the labeling of treated seed, based on the requirements of federal seed laws and regulations. **MESH™ 2FS** is not in the same regulatory category as fungicides and insecticides, and there are no federal requirements for labeling safened seed. However, because some state seed laws may be more restrictive than the Federal law, the above WARNING statement should be used with **MESH™ 2FS** treated seeds.

UPL NA Inc. recommends that the seed laws be reviewed for each state in which safened-seed is to be sold, and that clarification be sought from a qualified attorney or representative of the State with respect to seed safeners and labeling requirements, because some states may have reduced seed labeling requirements for safened seed under their seed laws.

IMPORTANT

Substances listed below are those identified as hazardous chemicals under the criteria of the OSHA Hazardous Communication Standard (29 CFR 1910.1200):
Flurazole (benzyl-2-chloro-4-(trifluoromethyl)-5-thiazolecarboxylate) CAS Reg. No. 72850-64-7

STORAGE AND DISPOSAL

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

PRODUCT STORAGE:

Store in the original container only. After partial use, close the container tightly. Store in a secure place that is temperate, dry and out of direct sunlight. DO NOT STORE ABOVE 85°F.

PRODUCT DISPOSAL:

Wastes resulting from the use of this product that cannot be used according to label instructions or chemically reprocessed must be disposed of in an approved waste disposal facility, in accordance with applicable federal, state and local procedures.

CONTAINER HANDLING:

Nonrefillable container:

DO NOT reuse or refill this container. Triple rinse (or equivalent), adding rinsate to spray tank. Offer rinsed containers 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.

IMPORTANT INFORMATION READ BEFORE USING PRODUCT

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 this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product reflect the opinion of experts based on field use and tests and must be followed carefully. It is impossible to eliminate all risks 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 or other influencing factors in the use of the product, which are beyond the control of UPL NA Inc or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of UPL NA Inc and Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold UPL NA Inc and Seller harmless for any claims relating to such factors.

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