July 6, 2021

MISSISSIPPI STATE UNIVERSITY MS AGRICULTURAL AND FORESTRY EXPERIMENT STATION

MAFES DAWG TRACKS

So many rules and regulations to keep up with. Believe me, it can all get very confusing! Years ago, I got a fortune cookie that had a message that actually made sense, so I taped beside my desk. It reads, "Get to the point and keep it clear and simple" ... If you work with pesticides moving them around in the storage room, applying them after someone else mixed, the person mixing them up for application, or even using them at home – **READ THE LABEL.**

Do not get safety data sheets (SDS) and labels confused. While they relay similar information, and both important, they are somewhat different. SDS are more standardized and generalized following the Globally Harmonized System. Labels give specific details on what personal protective equipment (PPE) to wear and how to specifically mix, use, and dispose of the pesticide. So, if you use pesticides and want to "get to the point", look on the container, unfold, and read the label.

To "keep it clear and simple", there are 3 label items a user should focus on:

1. Does it have skull & crossbones? If so, it's in the highest toxicity category & you can't skimp on your PPE and tell others in the area you are using it. This symbol will be on the very front.

It identifies pesticide products that are determined to be in Toxicity Category I based on at least



one of the following acute toxicity studies: acute oral, acute dermal, or acute inhalation. They are also required if methanol is present at 4 percent or more.

> For more info contact: Leslie Woolington MAFES/MSU-ES Risk Mgmt. LHW4@msstate.edu 662-325-3204

2. What PPE is needed?

Within the first few sections on the label, there is an area PRECAUTIONARY STATEMENTS, this will tell you the exact PPE to wear as an applicator or other handler.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING/AVISO

May be fatal if swallowed. Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing. Prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals.

Skin exposure may also result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2:30 hours, without damage. Wash exposed areas once with soap and water. Relief from the skin sensation may be obtained by applying an oil-based cream.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
 Chemical-resistant gloves made of barrier laminate; butyl rubber ≥14 mils; nitrile rubber ≥14 mils; neoprene
 rubber ≥14 mils; polyvinyl chloride (PVC) ≥14 mils; or Viton® ≥14 mils
 Shoes plus socks
- 3. How long to keep other people/animals away and what PPE to wear if have to go in that area before that time frame is over?

Look at the AGRICULTURAL USE EQUIREMENTS. It is always in a boxed area of the label and refers to the requirements of the Worker Protection Standard (WPS).

Do not apply this product in a way that win contact workers or other persons, enner one used or introdyn ann. 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. This labeling must be in the possession of the user at the time of application.

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, nurseria, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamina-tion, 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 24 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:

- Chemical-resistant gloves made of barrier laminate; butyl rubber ≥14 mils; nitrile rubber ≥14 mils; neoprene rubber ≥14 mils; polyvinyl chloride (PVC) ≥14 mils; or Viton® ≥14 mils
- Shoes plus socks

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

INFORMATION

sge is a foliar insecticide providing control of lepidopteran insects, and listed sucking and chewing insect r a foliar application, most of the compound stays on the leaf surface and a small amount penetrates int and tirsue. Initial and residual control is contingent upon thorough crop coverage.