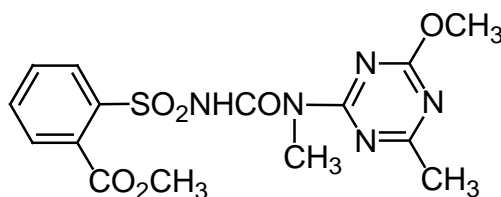


Material Safety Data Sheet

GRANARY 75% DF

SECTION 1. IDENTIFICATION OF THE SUBSTANCE

Common name: Tribenuron-methyl
 Chemical name: Methyl 2-[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)methylamino]carbonyl]amino]sulfonyl]benzoate
 Mol. Formula: C₁₅H₁₇N₅O₆S
 Mol. Wt.: 395.4
 Structural :



SECTION 2.COMPOSITION/INFORMATION ON INGREDIENTS

CONTENTS	TYPE OF FORMULATIONS DF		
	Common Name	Concentration	Total
ACTIVE INGREDIENT	Tribenuron-Methyl	75%	75%
INERT INGREDIENT	Other	65%	25%
Total			100%

SECTION 3.HAZARDS IDENTIFICATION

Emergency overview

Caution! Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear long-sleeved shirt and long pants, socks and shoes.

Potential health effects

Based on animal data, repeated skin contact with Tribenuron methyl may cause allergic skin rashes.

SECTION 4.FIRST AID MEASURES

Eye	Immediately flush eye with plenty of water for at least 15 minutes. Get medical attention if irritation persists.
Skin	Wash skin immediately with plenty of soap and water. Get medical attention.
Ingestion	Do NOT induce vomiting. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.
Inhalation	No specific intervention is indicated as the compound is not likely hazardous by inhalation. Consult a physician if necessary.

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

SECTION 5.FIRE FIGHTING MEASURES

Flammable properties	Not a fire or explosion hazard.
Extinguishing media	Water spray, foam, dry chemical, CO ₂ . LARGE FIRE: Foam or water-move containers from fire area if without risk. Cool containers with water from maximum distance.
Fire Fighting Instructions	Evacuate personnel to a safe area. Wear self-contained breathing apparatus. Wear full protective equipment. Runoff from fire control may be a pollution hazard.

SECTION 6.ACIDENTAL RELEASE MEASURES

Safeguards(Personnel)

Review fire fighting measures and handling (personnel) sections before proceeding with clean-up. Use appropriate personal protective equipment during clean-up.

Initial containment

Follow applicable local laws regulations

Prevent material from entering sewers, waterways, or low areas.

Spill clean up

Shovel or sweep up.

SECTION 7.HANDLING AND STORAGE

Handling(personnel)	Do not breathe dust. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling. Wash clothing after use. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
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Storage Store in a well ventilated place. Store product in original container only. Keep container tightly closed. Do not store or consume food, drink or use tobacco in areas where they may become contaminated with this material. Do not allow material to become wet during storage. Don not contaminate water, other pesticides, fertilizer, food or feed in storage.

SECTION 8.EXPOSURE CONTROL/PERSONAL PROTECTION

Personal protective equipment

Always follow the label instructions when handling this product.

Wear waterproof gloves, coveralls, shoes plus socks.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPERANCE : Off-White powder with characteristic odor

ALKALINITY OR ACIDITY : pH 5

SUSPENSIBILITY : Accepted (CIPAC f p45. MT15)

DENSITY : 1.02 g/cm³ (CIPAC F p.11 MT 3)

FLASH POINT : >80°C

WETTABILITY : 18 sec. (Accepted) (CIPAC f p.55 MT17.1)

PARTICLE SIZE : ≤ 1.4 mm (CIPAC F p.177 MT 59)

STORAGE STABILITY : Accepted (CIPAC J p.128 MT46.3).

SECTION 10.STABILITY AND REACTIVITY

Chemical Stability: Stable at normal temperatures and storage conditions.

Condition to avoid: Excessive heat.

Polymerization: Polymerization will not occur.

Hazardous decomposition products: None known

SECTION 11.TOXICOLOGICAL INFORMATION

Acute oral toxicity LD50 (rat) >5000mg/kg, very low toxicity

Acute dermal toxicity LD50 (rat) >2000mg/kg, very low toxic

Acute inhalation toxicity LC50 (rat, 4hr) >6.7mg/l air

SECTION 12. ECOLOGICAL INFORMATION

Ecological information Bobwhite quail (LD50): >2250mg/kg
 Bobwhite quail (LC50 dietary): >5620ppm
 Rainbow trout (96hr LC50): >1000mg/l

SECTION 13. DISPOSAL INSTRUCTION

Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes are acutely hazardous. Triple rinse (or equivalent) the container. Then offer for recycling or reconditioning. If allowed by state and local authorities, by burning. If burned, stay out of smoke.

SECTION 14. TRANSPORT INFORMATION

It is safety to transport. Keep separated from foodstuffs.

SECTION 15. REGULATORY INFORMATION

NFPA, NPCA-HMIS

Fire: 1

Reactivity: 0

Health: 1

0 Least 1 Slight 2 Moderate 3 High 4 Severe

SECTION 16. FURTHER INFORMATION

This safety data sheet is not a replacement for the directions for use. The data given here is based on current knowledge and experience. The purpose of this MSDS is to describe the products in terms of their safety requirements. The data does not signify any warranty with regard to the products' properties.

USE & APPLICATION RATE

Target Crop : wheat
Target pest : Broad weeds
Rate of application : 8 gm/F