

AGRISTAR 75WDG™

MATERIAL SAFETY DATA SHEET

SECTION 1 Chemical product and Company identification

Product Name: Agristar 75WDG™ (Tribenuron-methyl 75%)

Chemical name: Methyl 2-[[[N-(4-methoxy- 6-methyl-1,3,5- triazin-2-yl) methylamino]carbonyl]amino]sulfonyl]benzoate

Chemical Family: Sulfonylurea

Formula: C₁₅H₁₇N₅O₆S

Product Use: Commercial Herbicide

Supplier: SINERIA HOLLAND BV
Randwycksingel 20-A015
6229 EE Maastricht The Netherlands
www.sineria.com

SECTION 2 Composition/Information on Ingredients

<u>Product Name</u>	<u>Qty. (%)</u>	<u>CAS RN</u>
Tribenuron-methyl	75%	101200-48-0

SECTION 3 Hazards Identification

Potential Health Effects

- CAUTION! Avoid contact with skin, eyes and clothing.

Carcinogenicity Information

- None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.
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SECTION 4 First Aid Measures

Inhalation: No specific intervention is indicated as the compound is not likely to be hazardous by inhalation. Consult a physician if necessary.

Skin Contact: In case of contact, immediately wash skin with soap and water. Wash contaminated clothing before reuse.

Eye Contact: In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

Ingestion: No specific intervention is indicated as compound is not likely to be hazardous by ingestion. Consult a physician if necessary.

SECTION 5 Fire Fighting Measures

Flammable Properties: LEL: 0.173 g/L

Auto-ignition: 420°C

- Like most organic powders or crystals, under severe dusting conditions, this material may form explosive mixtures in air.

Extinguishing Media: Water Spray, Foam, Dry Chemical, CO₂

Fire Fighting Instructions: Wear self-contained breathing apparatus. Run-off from fire control may be a pollution hazard.

SECTION 6 Accidental release measures

General and disposal: Use proper protective equipment to minimize personal exposure. Take all necessary action to prevent and to remedy the effects of the spill. Ensure that the disposal is in compliance with regulations.

Land spill or leaks:

Small spill: Absorb with an inert absorbent material such as granular clay, saw dust or pet litter. Sweep up carefully while avoiding the formulation of a dust cloud. Place in an approved chemical waste container for disposal. Rinse spill area with small amount of soapy water. Contain and absorb the rinsate with inert absorbents and place into the same disposal container. Area can be washed with water to remove the last trace residue. Do not allow water to contaminate water supplies or sewers.

Large spill: Eliminate all ignition sources. Stop leak if you can do so without coming into contact with spilled material. All equipment used to clean up spill should be grounded. Prevent entry into waterways, sewers, basements or confined areas. Inform appropriate authorities immediately if contamination occurs.

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SECTION 7 Handling and storage

Handling (Personnel): Avoid contact with eyes, skin, or clothing. Wash thoroughly after handling. Wash clothing after use. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

- USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Storage: Keep container tightly closed. Do not store or consume food, drink or tobacco in areas where they may become contaminated with this material.

SECTION 8 Exposure controls/Personal protection

Control airborne concentrations below the exposure guidelines. Local exhaust ventilation may be necessary.

Eye and face protections: Safety glasses, splash goggles or face-shield.

Skin protections: Long-sleeved shirt and long pants waterproof gloves chemical-resistant footwear. Wash contaminated skin promptly. Launder contaminated clothing and clean protective equipment before reuse.

Wash hand thoroughly after handling.

Respiratory protection: Ensure adequate ventilation. If not adequate, use a chemical cartridge-type respirator.

SECTION 9 Physical & Chemical properties

Appearance: Solid dry flowable granules

Odour: Slightly pungent

pH: 6-7

Solubility in Water: Dispersible

Color: Light brown

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SECTION 10 Stability & Reactivity

Stability: Stable under normal condition

Hazardous Polymerization: None reasonably foreseeable

Incompatibilities: Will not occur

SECTION 11 Toxicological Information

Oral: (Rats) LD50 >5.000 mg/kg (Very low toxicity)

Dermal: (Rabbits) LD50 >2.000 mg/kg (Slightly to moderately toxic by contact)

Inhalation: (Rats) LC50 >5 mg/L of air (Low toxicity)

Skin Irritation & Sensitization: (Rabbits and Guinea pigs) Not a primary skin irritant & not a skin sensitizer.

Eye Irritation: (Rabbits) Causes mild irritation (Eyes were normal within one day after direct administration)

Other Studies - Tribenuron Methyl

Teratogenicity Studies (rat, rabbit): The active ingredient did not produce birth defects

Reproductive Effects (rats): There were no effects on fertility observed in a 2-generation reproduction study

Mutagenicity and Genotoxicity: Not genotoxic and not mutagenic

Carcinogenicity Information: None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

SECTION 12 Ecological Information

Tribenuron-methyl (low toxicity)

- 96 hour LC50, Rainbow Trout: > 1000 mg/L
- 96 hour LC50, Bluegill Sunfish: > 1000 mg/L
- 48 hour EC50, Daphnia Magna: > 1000 mg/L
- Oral LD50 Bobwhite Quail: > 2250 mg/kg
- Dietary LC50 Bobwhite Quail: > 5620 ppm
- Dietary LC50 Mallard Duck: > 5620 ppm



SECTION 13 Disposal Considerations

Waste Disposal: Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

- Do not flush to surface water or sanitary sewer system.
- Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

SECTION 14 Transport Information

Shipping Information: DOT/IMO

Proper Shipping Name: NOT REGULATED

SECTION 15 Regulatory Information

U.S. Federal Regulations

TITLE III HAZARD CLASSIFICATIONS SECTIONS 311, 312

Acute: No

Fire: No

Reactivity: No

Pressure: No.

SECTION 16 Other Information

The information contained in the Material Safety Data Sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as a warranty or as a specification. The information relates only to the product specified and may not be suitable for with other materials or in processes other than those specifically described herein.

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