

1: IDENTIFICATION

Chemical Name	N-(2,6-dichlorophenyl)-5-ethoxy-7-fluoro-[1,2,4]triazolo[1,5-c]pyrimidine-2-sulfonamide		
Synonyms	Diclosulam 84% WDG	Trade Name WEEDSLAM	
Uses	Insecticide	Molecular Formula: C ₁₃ H ₁₀ Cl ₂ FN ₅ O ₃ S	
Manufacturer/Supplier	Ulink AgriTech Pvt. Ltd. Office Nos. 001 And 002, Ground Floor Wing "A" And Nos. 003 And 004 Ground Floor Wing "B", Nyati Tech Park, Wadgaon Sheri, Pune - 411014, Maharashtra		
Emergency Contact	9503095030	E-mail	info@agrostar.in

2: COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Name	CAS #	Percent or Content (w/w)
Diclosulam	145701-21-9	84.0%
Other Ingredients	-	16.0%

3: HAZARD IDENTIFICATION

Human Health Hazard:	May cause respiratory irritation cat. 3 Skin irritation cat. 2	Eye Irritation cat. 2
Other Hazard:	No data available	

4: FIRST AID MEASURES

General: Have the product container, label or safety data sheet while seeking medical attention, a poison control center or physician, or going for treatment.

Inhalation: Move patients to fresh air. If breathing has stopped perform the artificial respiration. Allow patients to rest. Immediately seek medical attention.

Ingestion: Rinse mouth with water. Do not give anything by mouth to an unconscious person. Seek medical attention immediately and show this container or label.

Skin Contact: In case of contact with product, wash immediately skin area with plenty of water and soap. Remove and isolate contaminated clothing and shoes. Consult a physician for treatment advice.

Eye Contact: Rinse immediately with plenty of water for several minutes. After 5 minutes remove contact lenses if present and continue rinsing with plenty of water. Continue to rinse with eyelid wide open for at least 15-20 minutes. Seek medical attention if irritation develops.

Note to Physician: No specific Antidote. Treat symptomatically.

5: FIRE FIGHTING MEASURES

Extinguishing Media: Water spray, alcohol-resistant foam, dry chemical powder or carbon dioxide

Specific Hazards: Oxides of carbon and nitrogen, hydrogen chloride gas, hydrogen fluoride.

Special Procedures: Evacuate area and fight fire upwind from a safe distance. Foam or dry chemical fire extinguishing systems are preferred to prevent environmental damage from excessive water runoff. Minimize use of water to prevent environmental contamination. Dike and collect water used to fight fire to prevent environmental damage due to runoff. Do not discharge extinguishing water into the drain or water bodies.

Protection of Fire Fighters: Do not breathe a fumes. Wear a self contained breathing apparatus. Wear suitable protective gloves and eye/face protection.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ventilate spillage area. Avoid contact with skin and eyes. Avoid breathing fume. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from spill/ fumes.

Environmental Precaution: Do not allow runoff to enter drains and public waters. Notify the authorities if product enters.

Methods for Cleaning-up: Pick-up and transfer the material to a container without creating dust for disposal according to local regulations. Clean contaminated floors and objects thoroughly with water and detergents.

7: HANDLING & STORAGE

Handling: Do not smoke, drink, or eat during handling. Wash hands using liquid detergent. Wear protective clothing to avoid contact and/or inhalation with the product. Avoid formation of dust or aerosols. Good personal hygiene procedures must be practiced.

Specific Conditions: Good local exhaust ventilation.

Storage: Store in dry, cool, well-ventilated area. Keep in original container and tightly closed when not in use. Store in locked room and away from children, seeds, fertilizer, foods and animal feeds.

8: EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures: Ensure area is well-ventilated and set up emergency exits and the risk-elimination area. Handle in accordance with good industrial hygiene and safety practice.

General Protection: Avoid contact with eyes and skin. While handling the product wear cotton overalls buttoned to the neck and wrist, elbow-length PVC gloves and face shield. After use and before eating, drinking and smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves and contaminated clothing.

Personal Protection: Follow all precautions and instructions on the label. In all other cases the following recommendations would apply.

Respiratory Protection: Always use NIOSH/MSHA approved respiratory protection equipment with a universal filter type including particle filter.

Skin Protection: Wear suitable protective clothing, including boots, gloves, lab coat, apron or cover all, as appropriate to avoid skin contact. Any clothing or other absorbent material which has been drenched or heavily contaminated must be discarded.

Hand Protection: Chemical-resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyvinyl chloride (PVC) or Viton.

Eye Protection: Safety goggles, chemical splash goggles or face shield for eyes protection should be used. Safety showers and eyewash should be easily available.

Others: Wash clothing before reusing.

9: PHYSICAL/CHEMICAL PROPERTIES

Appearance: Granules

Odour: Fragrant

Physical State: Solid

Solubility in water: Dispersible

Colour: Off-white

pH: 7.8 (10% mixture in water)

Bulk Density [g/cc]: 0.55

10: STABILITY & REACTIVITY

Stability: Stable under normal circumstances. **Conditions to Avoid:** Heat, flame and spark

Hazardous Decomp. Products: Hazardous decomposition products formed under fire conditions are oxides of carbon and nitrogen.

Hazardous Reactions: No dangerous reaction known under conditions of normal use.

Material to Avoid: Strong oxidizing agents

11: TOXICOLOGICAL INFORMATION

Rat oral LD50 [mg/kg] : >5000

Rat inhalation LC50 [mg/l/4h] : > 2.684

Skin irritation (rabbit): Irritant

Dermal (rat) LD50 [mg/kg]: >2000

Skin Sensitization (Guinea Pig): No data available

Eye irritation (rabbit): Strong irritant

12: ECOLOGICAL INFORMATION

Ecotoxicity

Bobwhite quail (acute oral) LD50 [mg/kg.]: >2250

Rainbow trout LC50 (96 h)[mg/l]: >110

Algae ErC50 (14d) [mg/L]: 1.6

Daphnia LC50 (72 h)[mg/l]: 72

Bees LD50 (48 h, contact)[mg/bee]: >25

Earthworms LC50 (14 d) [mg/kg]: >991

Bio-accumulation Potential: No data available

Persistence, Degradability and Mobility in soil: No data available

13: DISPOSAL CONSIDERATION

Waste-disposal procedures: Dispose of this product only according to the label. Do not contaminate drains, streams, rivers or waterways with the chemical or used container. Where possible recycling is preferred to disposal or incineration. If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging: Empty remaining contents and the rinse containers thrice before disposal. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers unless they are specifically designed to be refilled.

14: TRANSPORT INFORMATION

UN No. 3077

Proper Shipping Name: Environmentally Hazardous substances, Solid, n.o.s.

Land Transportation (ADR/RID): Class-9, Packaging group-III, Environmental hazards - Yes

Sea Transport (IMO/ IMDG): Class-9, Packaging group-III, Marine Pollutant - Yes

Air Transport (IATA / ICAO): Class-9, Packaging group-III, Environmental hazards - Yes

15: REGULATORY INFORMATION

Hazard Symbol: GHS07

Signal Word(s): Warning

H -Statement: H315, H319, H335

16: OTHER INFORMATION

DISCLAIMER OF LIABILITY The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

----- END -----