



Material Safety Data Sheet

Section 1: Identification

Product Name: Diclosulam Technical

Chemical Name/Synonyms: Nc1cc2c(c1)nc3c2c(=O)nc3-(2,6-dichlorophenyl)-5-ethoxy-7-fluoro-[1,2,4] triazolo[1,5-c]pyrimidine-2-sulfonamide

CAS Number:145701-21-9

Product Use: Herbicides

Company Name: Meghmani Industries Limited

Registered Office:5th, 8th& 9th Floor, B-wing, Siddhi Vinayak Towers, Nr. Kataria Arcade, S G Highway, Makarba, Ahmedabad-380051, Gujarat, India.

Contact no.: +91-79-26812827

Section 2: Hazard(s) Identification

Hazard Classification:

Classification according to Regulation (EC) No 1272/2008

Skin irritation (Category 2), H315

Eye Irritation (Category 2), H319

May cause respiratory irritation (Category 3), H335

Signal Word(s): Warning

Hazard Statements:

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation

Pictograms:



Precautionary Statements:

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P280 Wear protective gloves / eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.



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Remove contact lenses, if present and easy to do. Continue rinsing

P321 Specific treatment (see on this label).

P405 Store locked up

P501 Dispose of contents/container in accordance with local/regional/national/international regulations

Description of other hazards: No information available

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Diclosulam Technical	<i>N</i> -(2,6-dichlorophenyl)-5-ethoxy-7-fluoro- [1,2,4] triazolo[1,5-c]pyrimidine-2-sulfonamide	145701-21-9	97.00%
Other Impurities	Other impurities		3.0%

Section 4: First-Aid Measures

General advice: Consult a physician.

After skin contact: Take off immediately all contaminated clothing. Rinse skin with running water/ shower for 15 minutes.

After eye contact: Hold Eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

After inhalation: Remove the patient from the exposure area to fresh air immediately. If breathing has stopped perform the artificial respiration. Keep person warm and rest. Get medical attention immediately

After swallowing: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Most important symptoms and effects, both acute and delayed

Causes skin irritation.

Causes serious eye irritation.

May cause respiratory irritation.



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Section 5: Fire-Fighting Measures

Suitable extinguishing agents: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special hazards arising from the substance or mixture

Carbon oxides, Nitrogen oxides (NO_x), Hydrogen chloride gas, Hydrogen fluoride

Special protective equipment for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental Release Measures

Personal precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Measures for environmental protection: Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

Measures for cleaning/collecting: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Section 7: Handling and Storage

Handling: Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

Storage: Keep container tightly closed in a dry and well-ventilated place. Store in cool place

Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA PEL	OSHA PEL (ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)
Data Not Available	Data Not Available	Data Not Available	Data Not Available	Data Not Available

General protective and hygienic measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Breathing equipment: Full Face Mask with Cartridge, BUBBLE HOOD, Air line Respiratory



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system as per ISI : 10245, HALF FACE CARTRIDGE RESPIRATOR, Dust Mask / (N95)

Protection of hands: Chemical Resistant Hand Gloves as per IS approved.

Eye protection: Chemical Splash Goggles as per IS:8520 government standards such as NIOSH (US) or EN 166(EU): Face Shield as per IS-8521 marked

Body Protection: Chemical Protection Suit/ Air Pressure Suit as per ISI: 4501 marked., Disposable Apron

Control of environmental exposure: Do not let product enter drains.

Section 9: Physical and Chemical Properties

Form: Off-white solid

Odor: No data available

Odor threshold: No information available

pH: No data available

Melting point/melting range: 218-221 °C

Boiling point/boiling range: No data available

Flash point: No data available

Evaporation rate: No data available

Flammability: No data available

Upper/lower flammability or explosive limits: No data available

Auto ignition temperature: No data available

Danger of explosion: No data available

Vapor pressure: 6.67×10^{-10} mPa (25 °C)

Vapor density: No data available

Relative density: No data available

Solubility in/Miscibility with water: In water 6.32 g/ml (20 °C)

Section 10: Stability and Reactivity

Reactivity: Stable under normal conditions

Chemical stability: Stable under recommended storage conditions

Conditions to avoid: Heat, flames and sparks

Incompatible materials: Strong oxidizing agents



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Hazardous decomposition products: Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NO_x)

Section 11: Toxicological Information

Acute toxicity:

Acute oral: LD₅₀ for rats >5000 mg/kg

Inhalation: LC₅₀ (4 h) for rats >>2.684 mg/l

Skin and eye Acute percutaneous LD₅₀ for rats >2000 mg/kg

Potential routes of exposure/potential health effects

Skin: Causes skin irritation

Eye: Causes serious eye irritation

Inhalation: Specific test data for the substance or mixture is not available. May be harmful if inhaled.

Ingestion: Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Carcinogenic effects: No information available

Mutagenic effects: Non Mutagenic

Reproductive toxicity: No information available

Sensitization: No information available

Target organs: No information available

Section 12: Ecological Information (non-mandatory)

Ecotoxicity:

Birds

Acute oral LD₅₀ for bobwhite quail >2250 mg/kg.

Acute dietary LC₅₀ for bobwhite quail and mallard ducks >5620 ppm

Fish

LC₅₀ (96 h) for rainbow trout >110, bluegill sunfish >137, sheep head minnow >120 mg/l

Daphnia

LC₅₀ (48 h) 72 mg/l; life-cycle NOEC 5.66 mg/l; LOEC 9.16 mg/l



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Algae

EC50 (14 d) for green algae (*Selenastrumcapricornutum*) 1.6, bluegreen algae (*Anabaena flos-aquae*) 83 mg/l; NOEC for green algae 1.6, bluegreen algae 561 mg/l

Bees

LD50 (48 h, contact) for honeybees >25 mg/bee

Worms

LC50 (14 d) for earthworms >991 mg/kg.

Mobility: No data available

Biodegradation: No information available

Bioaccumulation: There is no data for this product

Section 13: Disposal Considerations (non-mandatory)

Waste treatment methods

Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle uncleaned containers like the product itself.

Contaminated packaging

Dispose of as unused product.

Section 14: Transport Information (non-mandatory)

UN number

ADR/RID: 3077

IMDG: 3077

IATA: 3077

UN proper shipping name

ADR/RID : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

IATA : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

Transport hazard class(es)

ADR/RID: 9

IMDG: 9

IATA: 9



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Packaging group

ADR/RID: III

IMDG: III

IATA: III

Environmental hazards

ADR/RID: yes

IMDG Marine pollutant: yes

IATA: yes

Section 15: Regulatory Information (non-mandatory)

Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Chemical safety assessment

For this product a chemical safety assessment was not carried out

US Federal Regulations

SARA Section 355 (extremely hazardous substances): No data available

SARA Section 313 (specific toxic chemical listings): No data available

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs): No data available

TSCA (Toxic Substances Control Act):No data available

Section 16: Other Information

To the best of Meghmani Industries Ltd's knowledge, the above information is true and accurate as of the date of preparation of this material safety data sheet. The above information is not intended to be exhaustive. Additional or other information may be required depending on actual conditions of use and handling. Meghmani Industries Ltd make no warranties, expressed or implied and shall not be liable for any damages or injury, howsoever caused, arising out of the use of this data sheet.

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