

No.DG181828C



MATERIAL SAFETY DATA SHEET
(MSDS)

Product: Dimethomorph (50%)

Effective date: September 28, 2018

Producer:

王宏伟

Auditor:

王宏伟

Approver:

王宏伟

**Changzhou Testing Center of Entry-Exit Industrial
and Consumable Products**



DIMETHOMORPH 50% WDG

MATERIAL SAFETY DATA SHEET

MSDS

according to GHS (*eighth revised edition*)

Section 1 – Product and Company Identification

Product name	DIMETHOMORPH 50% WDG
Manufacturer name	Euro System International Ltd.
Manufacturer address	Room 808-809, Floor 8, No. 2, Lane 399 Xinlong Road, Minhang, District, Shanghai, P.R.C
Post code	201101
Fax	+ 86-21-64601673
Emergency phone number	+ 86-21-64607137
MSDS number	DG181828C
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Section 2 – Hazards Identification

2.2 Label elements of the substance according to GHS:

Pictogram



Signal word	Warning
Hazard statement(s)	H411 - Toxic to aquatic life with long lasting effects
Precautionary statement(s)	
Prevention	P273 - Avoid release to the environment.

Response	P391 - Collect spillage.
Storage	None
Disposal	P501- Dispose of contents/container to an approved waste disposal plant

Section 3 – Composition/Information on Ingredients

Component	Concentration	CAS No.	EC No.
Dimethomorph	50%	110488-70-5	None

Section 4 – First Aid Measures

- If swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person.
- If on skin or on clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
- If in eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.
- If inhaled:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.
- Note to physician:** Treat symptomatically. No specific antidote.
- Note:** 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

- Extinguish method** Use water fog, "alcohol" foam, CO2, dry chemical.
- Fire Extinguishing Media:** Use water fog, foam, CO(2), or dry chemical extinguishing media.

SPECIAL FIREFIGHTING PROCEDURES: Firefighters should be equipped with self-contained

breathing apparatus and turnout gear. Decontaminate emergency personnel with soap and water before leaving the fire area.

Section 6 – Accidental Release Measures

In case of large-scale spillage of this product, avoid contact, isolate area and keep out animals and unprotected persons. For a small spill, wear appropriate protective clothing and personal protective equipment. Keep away from drains, surface and ground water, and soil. Shovel or sweep the spilled material into covered containers for proper disposal. If possible, reuse the material for its intended purpose.

Section 7 – Handling and Storage

Handling: Avoid raising a dust cloud. Avoid contact with the eyes. Wash hands before eating, drinking, or smoking. After work, change out of work clothes and bathe or shower.

Storage: Not for use or storage in or around the home. Do not contaminate water, food, or feed by storage or disposal. Store in a secure, wellventilated, separate area or warehouse, away from children, livestock, and food products. Store under cool and dry conditions.

Section 8 – Exposure Controls, Personal Protection

Exposure Control: Do not eat, smoke, or drink at the workplace.

Personal Protective Equipment: Pesticide Applicator & Workers must refer to the product label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170.

Eye Protection: Chemical goggles or some other form of eye protection must be worn to prevent exposure to the eyes.

Skin Protection: Wear coveralls, boots and nitrile rubber or neoprene gloves. Rubber loves should be washed with soap and water after each use. Do not wear the same gloves for other work. Replace gloves frequently.

Avoid exposure to spray during application. Remove contaminated clothing and wash before reuse. Shower at the end of the work day and change clothing.

RESPIRATORY PROTECTION: Avoid breathing dust and spray mist. Use dust mask (3M 8500 or equivalent).

Section 9 – Physical and Chemical Properties

Appearance: Off-White Granule

PH Value: 6.0-9.0

Suspensibility: $\geq 80.0\%$

Section 10 – Stability and Reactivity

STABILITY:	Stable. Store in a cool well ventilated area.
CONDITIONS TO AVOID:	Store in original container in cool, dry, well ventilated place away from ignition sources, heat or flame.
CHEMICAL INCOMPATIBILITY:	Oxidizing agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Oxides of carbon and nitrogen; HCl
HAZARDOUS POLYMERIZATION:	Does not occur.
CONDITIONS TO AVOID:	Does not polymerize.
CORROSIVE TO METAL:	No
OXIDIZER:	No

Section 11– Toxicological Information

Data for formulated product:

Rat (male), Oral LD50 = 3453 mg/kg

Rat (female), Oral LD50 = 2498 mg/kg

Rat (combined), Dermal LD50 > 2000 mg/kg

Rat, Inhalation LC50 (4 hr) > 2 mg/L

Rat, Inhalation LC50 (1 hr calculated) > 8 mg/L

Rabbit, Eye Irritation - slightly irritating

Rabbit, Skin Irritation - Non-irritating

Guinea pig, Dermal Sensitizer - Not a sensitizer

Section 12 – Ecological Information

Persistence: Not readily biodegradable.

Appraisal: In standard laboratory tests, this formulation is very toxic to fish and aquatic invertebrates. Laboratory testing of a similar formulation of dimethomorph and mancozeb was very toxic to the algae species *Selenastrum capricornutum*. This product is harmless to honey bees by both oral and dermal administration.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD:

Pesticide wastes are acutely hazardous. Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

FOR PLASTIC CONTAINERS: Triple rinse (or equivalent) and add rinsate to the spray tank. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

FOR BULK CONTAINERS: Reusable containers should be returned to the point of purchase for cleaning and refilling.

FOR MINIBULK CONTAINERS: Clean all tanks on an approved loading pad so rinsate can be collected and mixed into the spray solution or into a dedicated tank. Using a high pressure sprayer, rinse several times with small volumes of water to minimize rinsate.

Section 14 – Transport Information

UN number	3077
Transport hazard class	9

Section 15 – Regulatory Information

Note: It is the responsibility of the waste generator to determine, prior to disposal whether any hazardous waste codes apply.

Section 16 – Additional Information

Completion Date	September 28, 2018
Modification statement	Original. Please update before the implementation of the GHS eighth revised edition.
Other information	All information and instructions provided in this Material Safety Data Sheet(MSDS) are based on the current state of scientific and technical knowledge at the date indicated on the present MSDS and are presented in good faith and believed to be correct. This information applies to the product as such. In case of new formulations or mixes, it is necessary to ascertain that a new danger will not appear. It is the responsibility of persons on receipt of this MSDS to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in contact with the product. If the recipient subsequently produce formulations containing this product, it is the recipients sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.