



南京丰山化学有限公司

NANJING FENGSHAN CHEMICAL CO., LTD.

MATERIAL SAFETY DATA SHEET

1 Manufacturer/information service:

Manufactory: NANJING FENGSHAN CHEMICAL CO., LTD

Address: 1904 Central International Plaza, 105-6 North Zhongshan, Nanjing City, Jiangsu Province, China

Tel: +86-25-86558672

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Product name: Methomyl

2. Composition / Information On Ingredients

Composition	CAS No.	Content %
Methomyl	16752-77-5	1.01
Z-9 TRICOSENE	27519-02-4	0.3
Other ingredient	-----	99.69

3. Hazards Identification

Human health hazards : may Irritating to eyes and skin.

Environmental hazards : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

4. First Aid Measures

IF SWALLOWED: Call a physician or Poison Control Center immediately. Do NOT induce vomiting. Drink two glasses of water. Never induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove patient to fresh air. If not breathing, give mouth to mouth resuscitation and call a physician immediately.

IF IN EYES: Flush with water for at least 15 minutes. Call a physician immediately.

IF ON SKIN: Remove contaminated clothing and wash skin with soap and water. If irritation persists, call a physician. Launder contaminated clothing before re-use.

NOTE TO PHYSICIAN: Methomyl is a cholinesterase inhibitor. Atropine is antidotal.

5. Fire-Fighting Measures

EXTINGUISHING MEDIA: Agent suitable for surrounding fire, i.e., CO₂, foam, or water



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spray. Water spray may increase contamination hazard.

FIRE FIGHTING INSTRUCTIONS: Keep out of smoke, fight fires from upwind, use self-contained breathing apparatus. Contain runoff to prevent entry into sewers or waterways.

FLAMMABLE PROPERTIES AND HAZARDS: Equipment or materials involved in pesticide fires may become contaminated. Material will ignite if exposed to intense heat or open flame. Fire or intense heat may rupture containers.

6. Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Small amounts may be swept up and spread in planned use areas as directed on label, or place in container for disposal.

7. Handling and Storage

HAZARD LABEL INFORMATION: Store away from incompatible material Wash thoroughly after handling

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid breathing dust, avoid contact with skin, eyes, clothing. Store in cool, dry area specifically designated for pesticides, and away from feed, food, sparks and open flame.

8. Exposure Controls / Personal Protection

Respiratory protection: Approved respirator

Protective gloves: Rubber gloves

Eye protection: Safety goggles or face shield.

Industrial hygiene: Adequate ventilation.

9. Physical And Chemical Properties

Physical Description & colour: Blue granular solid; characteristic nitrogenous odor.

pH: 4.0-7.0

SOLUBILITY IN WATER: >99%

OTHER SOLUBILITY NOTES: Soluble

SPECIFIC GRAVITY (WATER = 1): >1

10. Stability and Reactivity

CONDITIONS TO AVOID: Sparks and open flames; prolonged exposure to high



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temperatures.

INCOMPATIBILITY - MATERIALS TO AVOID: Oxidizers, reactive metals.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: HCl, phosgene, nitrogen oxides, CO, CO₂.

CONDITIONS TO AVOID - HAZARDOUS POLYMERIZATION: Will not occur.

11. Toxicological Information

Oral LD-50 (rat): male: 2455 mg/kg, female: 3236 mg/kg

Dermal LD-50 (rabbit): males and females: >>2000 mg/kg

Inhalation (rat): 1.25 mg/l (maximum attainable concentration)

Primary eye irritation (rabbit): minimal effect, clearing less than 24 hours

Primary dermal irritation (rabbit): material not primary dermal irritant.

Dermal sensitization (guinea pig-Beuhler): material is not a dermal sensitizer

12. Ecological and Ecotoxicological Information

No data available

13. Disposal Considerations

WASTE DISPOSAL METHOD

Pesticide Disposal: Pesticides that cannot be used according to label must be disposed of according to applicable Federal, State and local regulations. Container Disposal: Container may be triple rinsed then offered for recycling or reconditioning, or punctured and disposed of in a sanitary landfill or by other approved State and local procedures.

14. Transport Information

Not available

15. Regulatory Information

Not available

16. 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. 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



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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 produces formulations containing this product, it is the recipient's sole responsibility to ensure the transfer of all relevant information from this MSDS to their own MSDS.

FengshanChem