



# 南京丰山化学有限公司

## NANJING FENGSHAN CHEMICAL CO., LTD.

### MATERIAL SAFETY DATA SHEET

#### 1. Chemical Product Identification

**Manufactory:** Nanjing Fengshan Chemical Co., Ltd.

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

**Tel:** +86-25-66605701

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**Product Name:** Chlorthal-dimethyl 75% WP

#### 2. Composition / Information on Ingredients

Composition	CAS No.	Content %
Chlorthal-dimethyl	1861-32-1	75%
Other ingredients	----	25%.

#### 3. Hazards Identification

Causes moderate eye irritation.

Avoid contact with eyes, skin or clothing.

#### 4. First Aid Measures

**Eyes:** Immediately flush the eyes with copious amounts of clear, cool running water for a minimum of 15 minutes. Hold the eyelids apart during the flushing to ensure rinsing of the entire surface of the eyes and lids with water. If irritation occurs and persists, contact a physician.

**Inhalation:** Avoid inhaling the dust. If symptoms of breathing difficulties appear, get the person out of the contaminated area into fresh air.

**Ingestion:** Do not induce vomiting. If vomiting occurs spontaneously, keep airways clear. Never give anything by mouth to an unconscious person. Contact a physician



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immediately.

**Skin:** Remove contaminated clothing. Wash thoroughly with soap and clean water. If a rash or any of the symptoms of acute exposure appear, contact a physician immediately.

### 5. Fire-Fighting Measures

**Flash point:** Non- combustible.

**Extinguishing media:** Water spray, dry chemical, foam, or carbon dioxide.

**Fire fight instructions:** Do not breathe fumes. Wear complete firefighting gear, including protective gloves, eye protection and self-contained breathing apparatus. Wash clothing before reuse.

### 6. Accidental Release Measures

Sweep up or vacuum the product into a secure container for reuse or disposal.

### 7. Handling and Storage

**Handling:** Keep this product cool and dry. Keep container closed. Store away from feed, food, and drink. Keep away from children and pets. Wash thoroughly after handling this product.

**Storage:** Store product in its original container in a cool, dry, locked place out of the reach of children.

### 8. Personal Protection

**Eye Protection:** Safety glasses.

**Clothing:** Long-sleeved shirt and long pants. Shoes plus socks.

**Gloves:** Chemical-resistant such as barrier laminate or viton.

**Respirator:** When handled in an area where exposure limits may be exceeded, use a respirator with either an organic vapor removing cartridge with a profiler approved for pesticides



## 9. Physical and Chemical Properties

Physical state	: Solid
Colour	: Fine off-white (gray) to tan powder
Acidity / Alkalinity or pH Value	: 6.8 to 7.2 of 1% sol.
Flash point	: Non flammable
Flammability	: Not flammable.
Bulk Density	: 0.25 g/cm <sup>3</sup>
Solubility in water	: Disperses

## 10. Stability and Reactivity

**Chemical Stability:** This product is stable under normal storage and use conditions. It will decompose at elevated temperatures (360-370°C)

**Incompatibility:** Strong acids and bases will decompose the ester functions of DACTHAL.

**Hazardous Decomposition Products:** This product may emit hazardous fumes of hydrogen chloride, carbon oxides, and unidentified organic compounds when it is heated excessively or burned.

**Wear Self-Contained Breathing Apparatus:** when these conditions are present.

**Hazardous Polymerization:** This product will not polymerize.

## 11. Toxicological Information

**Acute Oral:** LD<sub>50</sub> for Rats: >5000mg/kg.

**Acute Dermal:** LD<sub>50</sub> for Rats: > 5000 mg/kg

**Inhalation:** LC<sub>50</sub> (4h) for Rats > 5.7 mg/l air.

**Eye Irritation:** No eye irritant (rabbits).

**Skin Irritation:** Non-irritating to skin (rabbits).

## 12. Ecological and Ecotoxicological Information



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This pesticide is mildly toxic to some fish and aquatic organisms. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply directly adjacent to potable water supplies. This pesticide is slightly toxic to honeybees.

### 13. Disposal Considerations

Pesticide wastes are toxic and hazardous. Dispose of in accordance with applicable and local laws and regulations. Do not discharge or pour into soil, drainage system or bodies of water.

### 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. 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.