

## Material Safety Data Sheet

Halosulfuron-methyl 750g/kg WDG

### Section 1 – Chemical product and company identification

**PRODUCT NAME:**

Halosulfuron-methyl 750g/kg WDG

**Supplier:**

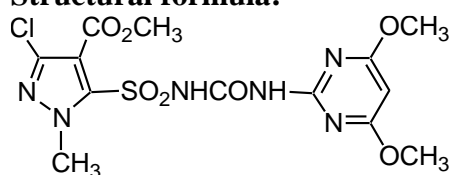
Name: Spinochem Tech Co.,Ltd

Address: No.2278,Zhaochong Rd,Shanghai,China

### Section 2 - Composition, Information on Ingredients

Components	CAS Number	Content(g/kg)
Halosulfuron-methyl	100784-20-1	750
Other ingredients		up to 1kg

**Structural formula:**



**Molecular formula:** C<sub>13</sub>H<sub>15</sub>ClN<sub>6</sub>O<sub>7</sub>S

**Molecular Weight:** 434.8

**Chemical**

**Abstracts**

**name:**

3-chloro-5-[[[(4,6-dimethoxy-2-pyrimidinyl)amino]carbonyl]amino]sulfonyl]-1-methyl-1H-pyrazole-4-carboxylic acid

**IUPAC**

**name:**

3-chloro-5-(4,6-dimethoxypyrimidin-2-ylcarbamoysulfamoyl)-1-methylpyrazole-4-carboxylic acid

### Section 3 - Hazards Identification

**Risk advice to man and the environment**

Irritate to eyes and skin.

Limit evidence of a carcinogenic effect.

Possible risk of harm to the unborn child.

Harmful: may cause lung damage if swallowed.

### Section 4 - First Aid Measures

**General advice**

## Spinochem Tech Co.Ltd

Add: No 2278,Zhaochong Rd, Shanghai, China.

Move out of dangerous area. Place and transport victim in stable position (lying sideways). Remove contaminated clothing immediately and dispose of safely.

**Inhalation:** Move to fresh air. Keep patient warmly and at rest. Call a physician or poison control center immediately.

**Skin contact:** Wash off immediately with soap and plenty of water.

**Eye contact:** In the case of contacting eyes should rinse thoroughly with water.

**Ingestion:** Do not induce vomiting. Rinse mouth. Call a physician or poison control center immediately.

**Treatment:** Treat symptomatically.

### Section 5 - Fire Fighting Measures

#### **Suitable Extinguishing Media**

Water spray, carbon dioxide (CO<sub>2</sub>), foam, sand

#### **Specific hazards during fire fighting**

In the event of fire the following can be released:

Hydrogen chloride (HCl), hydrogen cyanide (hydrocyanic acid), carbon monoxide (CO), nitrogen oxides (NO<sub>x</sub>)

#### **Special protective equipment for fire-fighters**

In the event of fire and/or explosion do not breathe fumes.

Use breathing apparatus.

#### **Further information**

Contain the spread of the fire-fighting media.

Do not allow run-off from fire-fighting to enter drains or water courses.

### Section 6 - Accidental Release Measures

#### **Personal Precautions**

Avoid contact with spilled product or contaminated surfaces. Wear personal protective equipment. Unprotected persons must be kept away.

#### **Environmental Precautions**

Do not discharge into the drains/surface water/groundwater.

If spillage enters drains leading to sewage works inform local water company immediately.

If spillage enters rivers or watercourses, inform the Environment Agency.

#### **Methods for Cleaning Up**

Clean contaminated floors and objects thoroughly, observing environmental

regulations.

Keep in suitable, closed containers for disposal.

## Section 7 - Handling and Storage

### **Handling**

Advice on safe handling

Use only in area provided with appropriate exhaust ventilation.

### **Storage**

Requirement of storage areas and containers.

Keep containers tightly closed in a dry, cool and well-ventilated place.

Advice on common storage: Keep away from food, drink and animal feeding stuffs.

Storage stability: Storage temperature  $> -10 - < 40$  °C

## Section 8 - Exposure Controls, Personal Protection

**Personal Protective Equipment:** Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENGINEERING CONTROLS STATEMENTS:** When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection

## Section 9 - Physical and Chemical Properties

**Appearance:** Beige granules

**pH:** 6.8

**Density:** 0.88g/cm<sup>3</sup>

**Note:** These physical data are typical values based on material tested but may vary from sample values should not be construed as a guaranteed analysis of any specific lot or as specification items.

## Section 10 - Stability and Reactivity

**Stability:** This product should be stable for at least two years under normal conditions of warehouse storage. Store in a cool, well-ventilated place away from foodstuffs,

**Spinochem Tech Co.Ltd**  
**Add: No 2278,Zhaochong Rd, Shanghai, China.**

---

reducing agents and acids.

**Hazardous Reactions**

No hazardous reactions when stored and handled according to prescribed instructions.  
Stable on recommended storage conditions.

**Section 11 - Toxicological Information**

**Acute Oral Toxicity** LD<sub>50</sub> (rat) >5,000 mg/kg

**Acute Inhalation Toxicity** LC<sub>50</sub> (rat, 4-hr): >5.7 mg/l

**Acute Dermal Toxicity** LD<sub>50</sub> (rat) >2,000 mg/kg

**Eye Irritation (Rabbit):** Non- irritant

**Skin Irritation (Rabbit):** Non- irritant

**Not a skin sensitizer for guinea pig.**

**Section 12 - Ecological Information**

**Ecotoxicity effects**

Ecotoxicity data shown is for the active ingredient, halosulfuron-methyl.

48-hr EC<sub>50</sub> Daphnia magna: >100 mg/L

96-hr LC<sub>50</sub> Bluegill sunfish: >100 mg/L

96-hr LC<sub>50</sub> Rainbow trout: >100 mg/L

Acute oral (24h) for honeybee >100 ug/bee

Acute contact (24h) for honeybee >100 ug/bee

Acute toxicity (24h) for earthworm >1000 mg/kg

5-day EC<sub>50</sub> Algae (Selenastrum capricornutum): 0.0041mg/L

Acute oral LD<sub>50</sub> for mallard ducks >2000mg/kg, dietary LC<sub>50</sub> (5d) for bobwhite quail and mallard ducks >5620ppm;.

**Section 13 - Disposal Considerations**

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state, or local procedures.

Dispose of empty container in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. This product

## **Spinochem Tech Co.Ltd**

**Add: No 2278,Zhaochong Rd, Shanghai, China.**

---

should not be dumped, spilled, rinsed or washed into sewers or public waterways.

### **Section 14 - Transport Information**

UN-Number: 3077

Proper shipping name: Environmentally hazardous substance, solid, N.O.S.  
(Halosulfuron-methyl 750g/kg WDG)

Hazard class: 9

Packaging group: III

### **Section 15 - Regulatory Information**

Hazard Symbols: XN

Risk Phrases:

R 10 Flammable.

R 22 Harmful if swallowed.

Safety Phrases:

S 13 Keep away from food, drink and animal feeding stuffs.

S 25 Avoid contact with eyes.

S 46 If swallowed, seek medical advice immediately and show this container or label.

### **Section 16 - Additional Information**

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.