

Date: Feb.5th, 2025

## MSDS OF OXADIAZON 95% TC

### 1. PRODUCT IDENTIFICATION

Product name: Oxadiazon

CAS No.: 19666-30-9

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Fluka - 33382

Formula: C<sub>15</sub>H<sub>18</sub>Cl<sub>2</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight: 345.22 g/mol

CAS-No.	EC-No.	Index-No.	Concentration
Oxadiazon			
19666-30-9	243-215-7	606-045-00-8	-

### 3. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards

**Target Organ Effect**

Target Organs

**Liver**

GHS Label elements, including precautionary statements

**Pictogram**

Signal word

Warning

**Hazard statement(s)**

H303 + H313 May be harmful if swallowed or in contact with skin.

H400 Very toxic to aquatic life.

**Precautionary statement(s)**

P273 Avoid release to the environment.

HMIS Classification

Health hazard: 1

Chronic Health Hazard: \*

Flammability: 0

Physical hazards: 0

NFPA Rating

Health hazard: 0

Fire: 0

Reactivity Hazard: 0

Potential Health Effects

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.  
Skin May be harmful if absorbed through skin. May cause skin irritation.  
Eyes May cause eye irritation.  
Ingestion May be harmful if swallowed.

### **Risk advice to man and the environment**

Harmful if swallowed

## **4. FIRST AID MEASURES**

### **If inhaled**

If breathed in, move person into fresh air. If not breathing give artificial respiration. Consult a physician.

### **In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

### **In case of eye contact**

Flush eyes with water as a precaution.

### **If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## **5. FIRE FIGHTING MEASURES**

### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

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

Wear self contained breathing apparatus for fire fighting if necessary.

## **6. ACCIDENTAL RELEASE MEASURES**

### **Personal precautions**

Avoid dust formation. Ensure adequate ventilation.

### **Environmental precautions**

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

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

## **7. HANDLING AND STORAGE**

### **Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection.

### Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Contains no substances with occupational exposure limit values.**

Personal protective equipment

### Respiratory protection

Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Hand protection

For prolonged or repeated contact use protective gloves.

### Skin and body protection

Choose body protection according to the amount and concentration of the dangerous substance at the work place.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form	solid
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### Safety data

pH	no data available
Melting point	88 - 90 癬 (190 - 194 癬)
Boiling point	no data available
Flash point	no data available
Ignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Water solubility	no data available

## 10. STABILITY AND REACTIVITY

### Chemical stability

Stable under recommended storage conditions.

### Conditions to avoid

no data available

### Materials to avoid

Strong oxidizing agents

### Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx), Hydrogen chloride gas

### **11. TOXICOLOGICAL INFORMATION**

#### **Acute toxicity**

LD50 Oral - rat - 3,500 mg/kg

LC50 Inhalation - rat - > 200,000 mg/m<sup>3</sup>

LD50 Dermal - rabbit - > 2,000 mg/kg

#### **Skin corrosion/irritation**

no data available

#### **Serious eye damage/eye irritation**

no data available

#### **Respiratory or skin sensitization**

no data available

#### **Germ cell mutagenicity**

no data available

#### **Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable,

**possible or confirmed human carcinogen by IARC.**

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

#### **Reproductive toxicity**

no data available

#### **Specific target organ toxicity - single exposure (GHS)**

no data available

#### **Specific target organ toxicity - repeated exposure (GHS)**

no data available

#### **Aspiration hazard**

no data available

#### **Potential health effects**

Inhalation May be harmful if inhaled. May cause respiratory tract irritation.

Ingestion May be harmful if swallowed.

Skin May be harmful if absorbed through skin. May cause skin irritation.

Eyes May cause eye irritation.

### Signs and Symptoms of Exposure

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

### Additional Information

RTECS: RO0874000

## 12. ECOLOGICAL INFORMATION

### Toxicity

Toxicity to fish LC50 - *Oncorhynchus mykiss* (rainbow trout) - > 9 mg/l - 96.0 h

Toxicity to daphnia EC50 - *Daphnia magna* (Water flea) - 0.53 mg/l - 48 hand other aquatic invertebrates.

### Persistence and degradability

Bioaccumulative potential

Bioaccumulation *Cyprinus carpio* (Carp) - 14 d

Bioconcentration factor (BCF): 488

### Mobility in soil

no data available

### PBT and vPvB assessment

no data available

### Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

## 13. DISPOSAL CONSIDERATIONS

### Product

Observe all federal, state, and local environmental regulations.

### Contaminated packaging

Dispose of as unused product.

## 14. TRANSPORT INFORMATION

Dangerous goods No.: 3077

UN No.: 9

## 15. REGULATORY INFORMATION

### OSHA Hazards

Target Organ Effect

### DSL Status

This product contains the following components that are not on the Canadian DSL nor NDSL lists.

CAS-No.

Oxadiazon

19666-30-9

# 河北捷润科技有限公司

## Hebei JRain Technology Co., Ltd.

### SARA 302 Components

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

### SARA 313 Components

	CAS-No.	Revision Date
Oxadiazon	19666-30-9	2007-07-01

### SARA 311/312 Hazards

Chronic Health Hazard

### Massachusetts Right To Know Components

No components are subject to the Massachusetts Right to Know Act.

### Pennsylvania Right To Know Components

	CAS-No.	Revision Date
Oxadiazon	19666-30-9	2007-07-01

### New Jersey Right To Know Components

	CAS-No.	Revision Date
Oxadiazon	19666-30-9	2007-07-01

### California Prop. 65 Components

	CAS-No.	Revision Date
WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.	19666-30-9	1998-05-15
Oxadiazon		

## 16. OTHER INFORMATION

### Further information

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sigma-Aldrich Co., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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