

# Oxadiazon 95%TC

## Company Information

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## Product Identification

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### **【Product Name】**

Scotts OH I

### **【Synonyms】**

1,2,4-Oxadiazolidin-3,5-dione, 2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)

5-tert-Butyl-3-(2,4-dichloro-5-isopropoxyphenyl)-1,3,4-oxadiazol-2(3H)-one

5-tert-Butyl-3-(2,4-dichloro-5-propan-2-yloxyphenyl)-1,3,4-oxadiazol-2-one

Kensogen Ti

Ronstar

RP 17623

### **【CAS】**

[19666-30-9](#)

### **【Formula】**

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

### **【Molecular Weight】**

345.23

### **【EINECS】**

243-215-7

### **【RTECS】**

RO0874000

### **【RTECS Class】**

Agricultural Chemical and Pesticide; Mutagen

**[Merck]**

12,7038

**[Beilstein/Gmelin]**

558070

**[EC Index Number]**

606-045-00-8

**[EC Class]**

Dangerous for the Environment

## Physical and Chemical Properties

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**[Appearance]**

Crystalline solid.

**[Solubility in water]**

Insoluble

**[Melting Point]**

88-90

**[pKa/pKb]**

13.48 (pKb)

**[Partition Coefficient]**

4.8

**[Usage]**

Substance is used as a herbicide.

## First Aid Measures

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**[Ingestion]**

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

### **[Inhalation]**

If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention. If breathing is difficult, administer oxygen. Keep person warm and quiet; seek immediate medical attention.

### **[Skin]**

Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention. Launder clothing before reuse.

### **[Eyes]**

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

## **Handling and Storage**

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### **[Storage]**

Keep in a cool, dry, dark location in a tightly sealed container or cylinder. Keep away from incompatible materials, ignition sources and untrained individuals. Secure and label area. Protect containers/cylinders from physical damage.

### **[Handling]**

All chemicals should be considered hazardous. Avoid direct physical contact. Use appropriate, approved safety equipment. Untrained individuals should not handle this chemical or its container. Handling should occur in a chemical fume hood.

## **Exposure Controls/Personal Protection**

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### **[Personal Protection]**

Chemical splash goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other type safety glasses. Where chemical resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

### **[Respirators]**

Use NIOSH/MSHA approved respirator appropriate for exposure of concern.

### **【Exposure Effects】**

The toxicological properties of this material have not been investigated.

## **Fire Fighting Measures**

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### **【Fire Fighting】**

Wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use agent most appropriate to extinguish fire.

## **Accidental Release Measures**

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### **【Small spills/leaks】**

Evacuate area and ventilate. Wear protective equipment. If required, use an inert absorbent. Sweep up and place in an appropriate container for disposal. Wash contaminated surfaces.

## **Stability and Reactivity**

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### **【Stability】**

No data.

### **【Incompatibilities】**

Strong oxidizing agents.