

**1. IDENTIFICATION**

Product name: **Quali-Pro® Oxadiazon SC**  
 Chemical name of active ingredient(s): Oxadiazon: 3-[2,4-dichloro-5-(1-methylethoxy)phenyl]-5-(1,1-dimethylethyl)-1,3,4-oxadiazol-2(3H)-one  
 Manufacturer: Makhteshim Agan of North America, Inc.  
 4515 Falls of Neuse Road, Suite 300  
 Raleigh, NC 27609  
 Phone: 919-256-9300  
 Phone: 1-800-535-5053  
 For fire, spill, and/or leak emergencies, contact Infotrac: Phone: 1-877-250-9291  
 For medical emergencies and health and safety inquiries, contact Prosar:

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

COMMON NAME	CAS NO.	%	OSHA PEL	ACIGH TLV	OTHER	NTP/IARC/OSHA (Carcinogen)
Oxadiazon	19666-30-9	34.4	NA	NA	NA	NA

NA = Not applicable

**3. HAZARDS IDENTIFICATIONS**

**PHYSICAL PROPERTIES**

Appearance: Off-White to creamy beige liquid

Odor: None

**EMERGENCY OVERVIEW: CAUTION** Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion may generate NOx and carbon oxides.

**PRIMARY ROUTES OF EXPOSURE:** Eye and skin contact, ingestion.

**4. FIRST AID MEASURES**

<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact Prosar at 1-877-250-9291 for emergency medical treatment information.

**5. FIRE FIGHTING MEASURES**

**FLASH POINT:** > 230°F (>110° C)

**FLAMMABLE LIMITS:** LFL/UFL: Not applicable

**EXTINGUISHING MEDIA:** Use water spray, dry chemical, carbon dioxide, or foam.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion may generate NOx and carbon oxides.

**FIRE-FIGHTING EQUIPMENT:** Wear protective clothing and self-contained breathing apparatus. Dike areas to prevent runoff and contamination of water sources. Dispose of fire control water later.

## 6. ACCIDENTAL RELEASE MEASURES

**ACTION TO TAKE FOR SPILLS/LEAKS:** Wear appropriate OSHA regulated equipment such as impervious gloves and other proper personal protection. Ventilate area. Absorb spill with absorbent material. Sweep up and place in container for disposal. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. Dispose of all wastes and rinsate in the appropriate manner. Notify the appropriate authorities immediately if water used to fight fire or clean spill enters sewer or watercourse.

## 7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING:** Avoid contact with skin, eyes and clothing. Keep containers tightly closed. Do not contaminate food or feedstuffs.

**PRECAUTIONS TO BE TAKEN IN STORAGE:** Do not store in or around the home.

**STORAGE TEMPERATURE (MIN/MAX):** Normal ambient temperatures.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**THE FOLLOWING RECOMMENDATIONS FOR EXPOSURE CONTROLS/PERSONAL PROTECTION ARE INTENDED FOR THE MANUFACTURE, FORMULATION, PACKAGING AND USE OF THIS PRODUCT.**

**FOR COMMERCIAL APPLICATIONS AND/OR ON-FARM APPLICATIONS CONSULT THE PRODUCT LABEL.**

**EYE PROTECTION:** Chemical goggles or safety glasses.

**SKIN PROTECTION:** Long-sleeve shirt, long pants, shoes plus socks.

**HAND PROTECTION:** Chemical-resistant gloves, such as barrier laminate, butyl rubber, nitrile rubber and neoprene rubber (all =14 mils)..

**RESPIRATOR REQUIREMENTS:** In areas with inadequate ventilation a NIOSH approved respirator or a self-contained breathing apparatus may be required.

**VENTILATION:** Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

**ADDITIONAL PROTECTIVE MEASURES:** Follow manufacturer's instructions for cleaning/maintaining personal protective equipment. If no such instructions for washables exists, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### USER SAFETY RECOMMENDATIONS:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. then wash body thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product.
- Wash the outside of gloves before removing.
- As soon as possible was thoroughly and change into clean clothing.

**EXPOSURE GUIDELINES:** Refer to Section 2.

**ENGINEERING CONTROLS:** Minimize airborne concentrations.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Off-White to creamy beige

**ODOR:** None

**FLASH POINT:** >230°F (>110° C)

pH: 4.64 (1% dispersion)

DENSITY: 1.094 g/cc (9.13 lb/gal) @24oC

#### 10. STABILITY AND REACTIVITY

**STABILITY:** This material is stable under normal handling and storage conditions.

**MATERIALS TO AVOID:** Strong oxidizers, mineral acids, strong bases, strong acids.

**CONDITIONS TO AVOID:** Extreme humidity

**HAZARDOUS POLYMERIZATION:** Will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion may generate NOx and carbon oxides.

#### 11. TOXICOLOGICAL INFORMATION

##### ACUTE TOXICITY/IRRITATION STUDIES:

<b>Acute Oral:</b>	LD <sub>50</sub> (Rat): >2,000 mg/kg (female rat)
<b>Acute Dermal:</b>	LD <sub>50</sub> (Rabbit): >2,000 mg/kg (rat)
<b>Acute Inhalation:</b>	LC <sub>50</sub> (Rat): >2.31 mg/L (4 hours) (rat)
<b>Eye Irritation:</b>	Mildly irritating (rabbit)
<b>Dermal Irritation:</b>	Slightly irritating (rabbit)
<b>Dermal Sensitization:</b>	Not a skin sensitizer (guinea pig)

#### 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL HAZARDS:** Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Quali-Pro® Oxadiazon SC Herbicide should not be used in areas where irrigation or rainfall results in the direct or indirect (via ditches and canals) contamination of surface waters through dissolved runoff or erosion of soil particles to which oxadiazon is absorbed.

#### 13. DISPOSAL CONSIDERATIONS

**END USERS MUST DISPOSE OF ANY UNUSED PRODUCT AS PER THE LABEL RECOMMENDATIONS.**

**PRODUCT DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Dispose of product containers, waste containers and residues according to label instructions and local, state, federal and environmental regulations.

#### 14. TRANSPORT INFORMATION

**DOT CLASSIFICATION:** Not regulated

##### INTERNATIONAL TRANSPORTATION:

**IMO (vessel):** Not regulated

**IATA (air):** Not regulated

#### 15. REGULATORY INFORMATION

##### SARA TITLE III CLASSIFICATION:

<b>Section 302/304:</b>	Not applicable
<b>Section 311/312:</b>	Acute Health Hazard (immediate)
<b>Section 313 chemical(s):</b>	Oxadiazon (CAS # 19666-30-9) (34.4%)

**CA PROPOSITION 65:** This product contains a chemical (Oxadiazon, CAS#: 19666-30-9) known to the state of California to cause cancer and developmental toxicity.

**CERCLA RQ:** Not applicable.

**RCRA CLASSIFICATION:** Under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

MATERIAL SAFETY DATA SHEET

**Quali-Pro® Oxadiazon SC**

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**TSCA STATUS:** The ingredients of this product are listed on the TSCA inventory or are exempt.

**16. OTHER INFORMATION**

<b>HAZARD RATINGS</b>	<b>NFPA</b>	<b>HMIS</b>		
<b>HEALTH:</b>	1	2	0	MINIMAL
<b>FLAMMABILITY:</b>	0	0	1	SLIGHT
<b>REACTIVITY:</b>	0	0	2	MODERATE
			3	HIGH
			4	SEVERE

**MSDS DATE:** 8-12-09

The information herein is given in good faith, but no warrant, express or implied, is made. Consult Makhteshim Agan of North America, Inc. for further information.