

### 1. IDENTIFICATION

Product name: **Quali-Pro® Oxadiazon 50 WSB**  
 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: 800-535-5053

For fire, spill, and/or leak emergencies, contact Infotrac:  
 For medical emergencies and health and safety inquiries, contact Prosar: Phone: 1-877-250-9291

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME	CAS NO.	%	OSHA PEL	ACIGH TLV	OTHER	NTP/IARC/OSHA (Carcinogen)
Oxadiazon	19666-30-9	50	NA	NA	NA	NA
Inert Ingredients including:		50				
Kaolin clay	1332-58-7		15 mg/m <sup>3</sup> (total) 5 mg/m <sup>3</sup> (respirable)	2 mg/m <sup>3</sup> (e-respirable*)	NA	NA
Crystalline silica, Quartz	14808-60-7		0.1mg/m <sup>3</sup>	0.05mg/m <sup>3</sup>	NA	IARC: 1** NTP: 1***

NA = Not applicable

\*Particulate matter containing no asbestos and <1% crystalline silica.

\*\*IARC Group 1: The agent (mixture) is carcinogenic to humans.

\*\*\*NTP Group 1: Substances or groups of substances, and medical treatments that are known to be carcinogenic.

### 3. HAZARDS IDENTIFICATIONS

#### PHYSICAL PROPERTIES:

Appearance: Off-White powder

Odor: Slight amine odor

**EMERGENCY OVERVIEW: WARNING** Causes skin irritation. Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Do not get on skin or on clothing. Avoid breathing dust.

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

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Inhalation of product may aggravate existing chronic respiratory problem such as asthma, emphysema and bronchitis.

#### SYMPTOMS OF EXPOSURE:

**Inhalation:** Excessive dust inhalation in a confined area may cause congestion and irritation to the respiratory system. Exposure to dispersant can cause upper respiratory tract irritation (nose and throat).

**Eye:** Contact with the eyes may result in moderate irritation. Degree of irritation will depend on speed and thoroughness of first aid treatment.

**Skin:** A mild skin irritant. Harmful if absorbed through the skin. Does not cause allergic skin reaction.

**Ingestion:** Harmful if ingested. May cause burns to mouth and esophagus, chest pain and abdominal pain.

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

**4. FIRST AID MEASURES**

<b>FIRST AID</b>	
<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 – 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice</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 – 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</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 by mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<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 by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<p><b>Note to Physician:</b> There is no specific antidote. Appropriate supportive and symptomatic treatment as indicated by the patient's condition is recommended.  <b>HAVE THE PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALLING A POISON CONTROL CENTER OR DOCTOR OR GOING FOR TREATMENT.</b> You may also contact PROSAR 1-877-250-9291 for emergency medical treatment information.</p>	

**5. FIRE FIGHTING MEASURES**

**FLASH POINT:** Does not flash

**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 PROCEDURES:** If fine dust cloud is formed, dust/air mixtures can build up static electrical charges that may be explosive.

**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.

**HAZARDOUS COMBUSTION PRODUCTS:** Under fire conditions, corrosive fumes are emitted: hydrogen chloride, oxides of nitrogen, carbon oxides.

**6. ACCIDENTAL RELEASE MEASURES**

**ACTION TO TAKE FOR SPILLS/LEAKS:** Wear appropriate OSHA regulated equipment such as impervious gloves. Ventilate area. With a shovel, place spilled material in an appropriate container, avoiding formation of a dust cloud, and cover. Wipe down remaining spillage with damp rags and place rags in the container. Hold for disposal. Wash contaminated surface with hard surface detergent such as Spic-N-Span® to remove any residues. 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. Avoid generating a dust cloud. Dispersion of fine dust in the air can form an explosion mixture. Avoid breathing dust. Keep containers tightly closed. Do not contaminate food or feedstuffs.

**PRECAUTIONS TO BE TAKEN IN STORAGE:** Do not contaminate water, food or feed by storage or disposal. Store only in original container. Protect containers from physical damage. Protect against contamination.

**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 if respirator does not provide eye protection.

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

**HAND PROTECTION:** Chemical-resistant gloves.

**RESPIRATOR REQUIREMENTS:** Provide local exhaust or process enclosure ventilation system. Ensure compliance with applicable exposure limits. If ventilation is not adequate, wear a suitable dust respirator such as air-purifying (half or full-mask) with cartridge canister approved for use against dust, mists, fumes or pesticides.

**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, 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.

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

**ENGINEERING CONTROLS:** Refer to product label.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Off-White powder

**ODOR:** Slight amine odor

**FLASH POINT:** Does not flash

**pH:** 7.51

**BULK DENSITY:** 14 lbs/ft<sup>3</sup>

**SOLUBILITY IN WATER:** Dispersible

## 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 NO<sub>x</sub> and carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY/IRRITATION STUDIES:

<b>Acute Oral:</b>	LD <sub>50</sub> (Rat): >5,000 mg/kg
<b>Acute Dermal:</b>	LD <sub>50</sub> (Rabbit): >2,000 mg/kg
<b>Acute Inhalation:</b>	LC <sub>50</sub> (Rat): >2.04 mg/L (4 hours)
<b>Eye Irritation:</b>	Mildly irritating (Rabbit)
<b>Dermal Irritation:</b>	Slightly irritating (Rabbit)
<b>Dermal Sensitization:</b>	Not a skin sensitizer

## 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 by cleaning of equipment or disposal of wastes. Quali-Pro® Oxadiazon 50 WSB 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. Do not apply this product within 15 feet of bodies of water that may serve as sources of drinking water.

### 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, and federal health 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:**

**Section 302/304:** Not applicable

**Section 311/312:** Acute Health Hazard (immediate)

**Section 313 chemical(s):** Oxadiazon (CAS # 19666-30-9) (50%)

**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. This product contains a chemical (Silica, crystalline, CAS#14808-60-7) known to the state of California to cause cancer.

**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.

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

### 16. OTHER INFORMATION

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

**MSDS DATE:** 8-13-10.

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.