

1. IDENTIFICATION

Product name: Quali-Pro® Oxadiazon 2G

Chemical name of active ingredient(s): Oxadiazon: 2-*tert*-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)- Δ^2 -1,3,4-oxadiazoline-5-one

Manufacturer: Makhteshim-Agan of North America, Inc.
4515 Falls of Neuse Road, Suite 300
Raleigh, NC 27609
Phone: 919-256-9300

For fire, spill, and/or leak emergencies, contact Infotrac: Phone: 1-800-535-5053

For medical emergencies and health and safety inquiries, contact Prosar: Phone: 1-877-250-9291

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>COMMON NAME</u>	<u>CAS NO.</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACIGH TLV</u>	<u>OTHER</u>	<u>NTP/IARC/OSHA (Carcinogen)</u>
Oxadiazon	19666-30-9	2.0	NA	NA	NA	NA
NE=not established NA=not available						

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Causes substantial but temporary eye injury. Do NOT get in eyes, on skin or on clothing. Wear protective eyewear such as goggles, face shield or safety glasses.

PRIMARY ROUTES OF EXPOSURE: Eyes, skin, inhalation.

SYMPTOMS OF ACUTE EXPOSURE: Causes eye redness, irritation and tearing. Causes skin irritation, redness and swelling. Can cause upper respiratory tract irritation.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition creates toxic and corrosive fumes.

4. FIRST AID MEASURES

- IF IN EYES:**
- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
 - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
 - Call a poison control center or doctor for treatment advice.
- IF ON SKIN OR CLOTHING:**
- Take off contaminated clothing.
 - Rinse skin immediately with plenty of soap and water for 15-20 minutes.
 - Call a poison control center or doctor for treatment advice.

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 (800) 308-5391 for emergency medical treatment information.

5. FIRE FIGHTING MEASURES

FLASH POINT: Not applicable.

FLAMMABLE LIMITS: Not applicable.

EXTINGUISHING MEDIA: Not combustible. Use extinguishing media suitable for surrounding fire.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition will yield toxic, corrosive fumes.

FIRE-FIGHTING INSTRUCTIONS: Wear self-contained breathing apparatus (pressure-demand MSHA/NIOSH approved or equivalent) and full protective clothing. Prevent contamination of water by diking the area to contain run-off and dispose of fire control water appropriately.

NFPA RATINGS: Health: 2 / Flammability: 1 / Reactivity: 0

6. ACCIDENTAL RELEASE MEASURES

Refer to Section 8 for appropriate clothing / gear to wear depending on the situation.

Contain spill and clean by scraping up and placing in an appropriate sealable container. Decontaminate tools and equipment following cleanup.

7. HANDLING AND STORAGE

HANDLING: Do not contaminate water, food, or feed by storage or handling. It is recommended that all dust control equipment and material transport systems involved in handling this product contain explosion relief vents or explosion suppression systems or an oxygen deficient environment. All conductive elements of the system that contact this material should be electrically bonded and grounded. This powder should not be flowed through non-conductive ducts or pipes. Use only appropriately classed electrical equipment.

STORAGE: Store in a cool, dry place and away from food, feed, water, fertilizers, seed and other pesticides.

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: Eye and face protection requirements depend upon conditions in the work environment and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the intended use of the material. At a minimum, wearing safety glasses with side shields when working in an industrial environment is considered good practice.

SKIN PROTECTION: Wear long pants, a long-sleeved shirt and footwear plus socks.

HAND PROTECTION: Use chemical-resistant gloves made of any waterproof material such as nitrile, butyl, neoprene, and barrier laminate.

RESPIRATOR REQUIREMENTS: When respirators are required, use NIOSH/MSHA approved equipment based on actual or potential airborne concentrations.

USER SAFETY RECOMMENDATIONS:

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

EXPOSURE GUIDELINES: Refer to Section 2.

ENGINEERING CONTROLS: Refer to product label.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Off-white powder

ODOR: Slight

FLASH POINT: Not applicable.

pH: N/A

BOILING POINT: N/A

MELTING POINT: N/A

SOLUBILITY IN WATER: Insoluble

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal use and storage conditions.

CONDITIONS TO AVOID: None known.

MATERIALS TO AVOID: Strong bases, acids and oxidizing agents.

HAZARDOUS POLYMERIZATION: Not applicable.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may yield hydrogen chloride, oxides of nitrogen and carbon oxides.

11. TOXICOLOGICAL INFORMATION

Acute Oral LD₅₀ (Rat): > 5,000 mg/kg

Acute Dermal LD₅₀ (Rabbit): > 2,000 mg/kg

Acute Inhalation LC₅₀ (Rat): > 2,000 mg/l (4-hrs)

Eye Irritation: Mildly Irritating

Dermal Irritation: Moderately Irritating

Dermal Sensitization: No data available

Carcinogenicity:

ACGIH: Not listed

IARC: Not listed

NTP: Not listed

OSHA: Not listed

12. ECOLOGICAL INFORMATION

No toxicological data available.

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 disposing of equipment washwaters. Do not contaminate water used for irrigation or domestic purposes.

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 must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment, then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

14. TRANSPORT INFORMATION

DOT CLASSIFICATION: Not regulated by DOT

DOT PROPER SHIPPING NAME: N/A

DOT HAZARD CLASS OR DIVISION: N/A

DOT UN/NA NUMBER: N/A

DOT PACKING GROUP: N/A

REPORTABLE QUANTITY: N/A

DOT EMERGENCY RESPONSE GUIDE: N/A

MARINE POLLUTANT: Not Listed

15. REGULATORY INFORMATION

FIFRA:

All pesticides are governed under the Federal Insecticide, Fungicide, and Rodenticide Act. The regulatory information presented below is pertinent only when this product is handled outside of the normal use and application as a pesticide.

SARA TITLE III CLASSIFICATION:

Section 302: Not listed
Section 311/312: Immediate (Acute)
Section 313: Oxadiazon: 2% (CAS No. 19666-30-9)

CALIFORNIA PROP 65 STATUS: This product contains Oxadiazon (CAS No. 19666-30-9), a chemical known to the state of California to cause cancer and reproductive toxicity.

CERCLA RQ: Not applicable.

16. OTHER INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by CPR.

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

MSDS REVISION HISTORY:

03/06/2007: Initial version.