

Oxadiazon 50 MC

1. IDENTIFICATION

Product name: **Oxadiazon 50 MC**
 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: Celsius Property B.V., Amsterdam (NL)
 Neuhausen a.Rhf Branch
 c/o Makhteshim Agan of North America, Inc.
 4515 Falls of Neuse Road, Suite 300
 Raleigh, NC 27609
 Phone: 1-800-535-5053

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 ³ (total) 5 mg/m ³ (respirable)	2 mg/m ³ (e-respirable*)	NA	NA
Crystalline silica, Quartz	14808-60-7		0.1mg/m ³	0.05mg/m ³	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 fine powder

Odor: Slight

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.

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

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

PRIMARY ROUTES OF EXPOSURE: Routes of entry include 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.

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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.

4. FIRST AID MEASURES

FIRST AID	
IF ON SKIN:	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for further treatment advice.
IF INHALED:	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration. Preferably by mouth-to-mouth if possible.• Call a poison control center or doctor for further treatment advice.
IF IN EYES:	<ul style="list-style-type: none">• 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 continuing rinsing.• Call a poison control center or doctor for further treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to by a poison control center or doctor.

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: Not applicable.

FLAMMABLE LIMITS: Not applicable.

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 water, food or feedstuffs.

PRECAUTIONS TO BE TAKEN IN STORAGE: Store in a cool, dry and well ventilated area. Do not store under wet conditions.

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: Keep airborne concentrations below exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Off-White fine powder

ODOR: Slight

FLASH POINT: Not applicable.

pH: 7.5@20°C

DENSITY: 1.572 g/cm³

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: HCL and hazardous oxides of carbon and nitrogen.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY/IRRITATION STUDIES

Acute Oral LD ₅₀ (Rat):	>5,000 mg/kg
Acute Dermal LD ₅₀ (Rat):	>2,000 mg/kg
Acute Inhalation LC ₅₀ (Rat):	>2.04 mg/L air (4-hours)
Eye Irritation (Rabbit):	Mildly irritation
Dermal Irritation (Rabbit):	Slightly irritation
Dermal Sensitization (Guinea Pig):	Not sensitizing

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System(NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying

the local sewage treatment plant authority. For guidance, contact your State Water Board or regional Office of the EPA.

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: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into formulation equipment. Then dispose of empty bag in a sanitary landfill, or if allowed by state and local authorities, by burning or incineration. If bag is burned, stay out of smoke. Consult federal, state or local disposal authorities for approved alternative procedures.

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	2	0	MINIMAL
FLAMMABILITY:	1	1	1	SLIGHT
REACTIVITY:	1	1	2	MODERATE
			3	HIGH
			4	SEVERE

MSDS DATE: 8-18-09

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