



PO BOX 16458 • FRESNO CA 93755

MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

NUBARK MAXIM

I. NAME

PRODUCT/TRADE NAME: NUBARK MAXIM
EPA REGISTRATION #: 100-821-2935
CHEMICAL NAME/Common Name:
4-(2, 2-difluoro-1, 3-benzodioxol-4-yl)-1H-pyrrole-3-carbonitrile/Fludioxonil

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Fludioxonil	131341-86-1	NE	NE

III. PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1): NE
MELTING POINT: NE
VAPOR DENSITY (AIR = 1): NA
% VOLATILES BY VOL.: NA
ODOR: Faint Talcum
APPEARANCE: Off-White Powder
FLASH POINT/METHOD: NA
VAPOR PRESSURE (mmHg): NA
SOLUBILITY IN H₂O: Insoluble

IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA: Water Fog Foam Alcohol Foam
 CO₂ Dry Chemical Other

FIRE FIGHTING PRECAUTIONS & HAZARDS:

Fight fire upwind. Wear positive pressure self-contained breathing apparatus. Avoid smoke and spray mist. Avoid fallout and runoff. Dike to prevent entering drains, sewers and watercourses. Evacuate people downwind.

V. CARCINOGEN STATUS

OSHA NTP IARC No Listing Type: Crystalline Silica

VI. REACTIVITY

Stable Unstable HAZARDOUS POLYMERIZATION
 May Occur Will Not Occur

AVOID: None

HAZARDOUS DECOMPOSITION PRODUCTS: CO_x

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate respiratory and personal protective equipment. Vacuum or sweep into approved disposal containers.

DECONTAMINATION: Treat area with detergent and water. Absorb with inert material and place in disposal container. Repeat as necessary until area is clean.

ENVIRONMENTAL HAZARDS: Toxic to fish. Dike to prevent entering drains, sewers or water courses.

DISPOSAL: Dispose of in accordance with all Federal, state and local regulations.

VIII. HEALTH PRECAUTION DATA

INGESTION: Acute oral LD₅₀ (rat) >5000 mg/kg (Novartis*). Do not ingest. Wash thoroughly before eating, drinking or smoking. Do not store near food or feed.

INHALATION: No PEL/TLV established. Wear proper respiratory protection for exposures above the nuisance particulate, PEL/TLV 15 mg/m³, 5 mg/m³ respirable.

SKIN ABSORPTION: Wear proper personal protective equipment to minimize exposure.

EYE EXPOSURE: Acute Dermal LD₅₀ (rabbit) >5000 mg/kg (Novartis*). Keep out of eyes. Can cause moderate irritation. Wear proper eye protection to reduce exposure. If exposed, flush a minimum of 15 minutes with water.

EFFECTS OF OVEREXPOSURE: May cause congestion, throat irritation and eye irritation. May cause vomiting or diarrhea. Chronic effects may include kidney and liver damage. Preexisting medical conditions involving the above

symptoms may be aggravated by exposure.

FIRST AID: In all cases, get prompt medical attention. If ingested, give several glasses of water and induce vomiting. Do not induce vomiting if person is unconscious. For skin contact, remove contaminated clothing and wash with soap and water. For eye exposure, irrigate eyes with water for a minimum of 15 minutes. If inhaled, remove to fresh air and administer CPR if necessary.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Recommend use of NIOSH/MSHA-approved respirator for pesticides for the exposure encountered. Positive pressure self-containing breathing apparatus should be used for confined space entry and high exposure operations.

PERSONAL PROTECTIVE EQUIPMENT: Neoprene or nitrile gloves, long-sleeved coveralls, safety goggles or glasses with side shields and brow protection. For manufacture, formulation or application operations, recommend a shower at the end of the work shift.

VENTILATION: Local exhaust ventilation is recommended to control dust.

X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions. This product contains clay and small amounts of crystalline silica may be found. Inhalation of large amounts of crystalline silica may cause pulmonary fibrosis.

XI. REGULATORY DATA

SARA HAZARD CLASS: Acute Chronic Flammable
 Pressure Reactive None

SARA 313: Yes No Chemical:

SARA 302: Yes No Chemical:

TPQ:

CERCLA: Yes No Chemical:

RQ:

RCRA: Yes No

NFPA HAZARD RATING:

Health: [2]
Fire: [0]
Reactivity: [0]
Special: []

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious
1 = Slight 4 = Severe
2 = Moderate

HMS CODES:

Health: [2]
Fire: [0]
Reactivity: [0]

HMS HAZARD RATING SCALE:

0 = Minimal 3 = Serious
1 = Slight 4 = Severe
2 = Moderate

DATE PREPARED: January 12, 1998

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Notice: This information was developed from information on the constituent materials. No warranty is expressed or implied regarding the completeness or continuing accuracy of the information contained herein, and Wilbur-Ellis disclaims all liability for reliance thereon. The user should satisfy himself that he has all current data relevant to his particular use.

*Technical Material NE - Not Established NA - Not Applicable

24 Hour Emergency Phone Number
CHEMTREC: (800) 424-9300

