

Material Safety Data sheet		
<b>Section 1: Identification of the substance</b>		
Common name of the active ingredient: Azoxystrobin		
Chemical name of the active ingredient: methyl (E)-2-{2-[6-(2-cyanophenoxy)pyrimidin -4 -yloxy]phenyl}-3-methoxyacrylate (IUPAC)		
Purity: 98.0% min		
Usage of the product: technical product of fungicide		
Molecular mass of the active ingredient: 403.4		
CAS Number of the active ingredient: 131860-33-8		
<b>Section 2: composition/Information on ingredients</b>		
components	CAS number	content w/w
Azoxystrobin	131860-33-8	98%
Other impurities and moisture	N/A	2%
<b>Section 3: Hazards Identifications</b>		
Harmful if absorbed through mouth or skin. May cause eye irritation.		
Hazardous decomposition products: can decompose at high temperatures forming toxic gases.		
Unusual fire, explosion and reactive hazards: During a fire, irritating and possibly toxic gases may be generated by thermal decomposition or combustion.		
<b>Section 4: First aid measures</b>		
Call a poison control center or doctor for treatment advice. Give them the product container or label.		
Ingestion: if swallowed, call a poison control center or doctor immediately for treatment advice. Have the person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so after calling a poison control center or doctor. Do not give anything by mouth to an unconscious person.		
Eye contact: if in eyes, hold eye open and rinse slowly and gently with water for at least 15 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.		
Skin contact: if on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for at least 15 minutes. Call a poison control center or doctor for treatment advice.		
Inhalation: if inhaled, move person to fresh air. If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to mouth if possible. Call a poison control center or doctor for further treatment advice.		
Note to physician: there is no specific antidote if this product is ingested. Treat symptom.		
<b>Section 5: Fire fighting measures</b>		
Flash point: does not flask		
Auto-ignition temperature: not available		
Unusual fire, explosion and reactivity hazards: during a fire, irritating and		



possible toxic gases may be generated by thermal decomposition or combustion.

In case of fire: use dry chemical, foam or CO<sub>2</sub> extinguishing media. Wear full protective clothing and self-contained breathing apparatus. Evacuate nonessential personnel from the area to prevent human exposure to fire, smoke, fumes or products of combustion. Prevent use of contaminated building, area, and equipment until decontaminated. Water runoff can cause environmental damage. If water is used to fight fire, dike and collect runoff.

#### **Section 6: Accidental release measures**

Personal precautions Use personal protective equipment.

Methods for cleaning up:

Do not touch spilled material. Stop leak if you can do it without risk. For small spills, take up with a clean shovel and place into containers for later disposal. For larger spills, dike far ahead of spill for later disposal. Keep unnecessary people away. Isolate hazard area and deny entry. Ventilate closed space. Take up material and place into clean, dry containers and cover.

Environmental precautions: Prevent contamination of water.

#### **Section 7: Handling and storage**

Handling precautions

Keep product in original tightly closed container; avoid exposure by inhalation; do not get on skin, eyes or clothing; do not eat, drink or smoke when handling; wash hands before eating, drinking or smoking.

Storage

Store in locked, well-ventilated storeroom, away from children and unauthorized personnel, and food and animal fodder.

#### **Section 8: Exposure control/ personal protection.**

Ventilation: Provide local exhaust or general dilution ventilation.

Exposure control limits: No

Respiratory protection: Wear a suitable mask.

Hand protection: Wear rubber or plastic gloves.

Eye protection: Wear splash-proof or dust-resistant safety goggles.

Skin and body protection: Wear overalls and closed footwear.

#### **Section 9: Physical and chemical properties.**

Appearance: white powder

Melting point : 116°C

Vapor pressure:  $1.1 \times 10^{-10}$  Pa at 20°C

Partition coefficient:  $\log P_{ow} = 2.5$  at 20°C at pH 7

Solubility in water: 6.0 mg/L at 20°C in purified water, approximately neutral pH.

#### **Section 10: Stability and reactivity**

Stability: Stable under normal temperatures and pressures.

Conditions to avoid: not known.

Material to avoid: oxidizing agents.



Hazardous decomposition: Thermal decomposition products may include toxic gases.

#### **Section 11: Toxicological information**

##### **ANIMAL TOXICITY DATA**

Acute oral LD<sub>50</sub> for rats and mice > 5000

Skin Acute percutaneous LD<sub>50</sub> for rats > 2000mg/kg. Slight-irritating to skin and eyes for rabbits.

Inhalation LC<sub>50</sub> (4h) for male rats 0.96mg/L, for female rats 0.69mg/L.

ADI: 0.1mg/kg b.w.

#### **Section 12: Ecologic information**

Birds:

Acute oral LD<sub>50</sub> for duck and quail > 2000mg/kg

Fish:

LC<sub>50</sub> (96h) for rainbow trout 0.47mg/L, carp 1.6mg/L

Bees: Not toxic to bees, oral and dermal LD<sub>50</sub> > 200ug/bee

Earthworm LC<sub>50</sub> (14d) 283mg/kg soil.

#### **Section 13: Disposal consideration**

Dispose the material and containers accord with the laws and regulations of national and local governments.

#### **Section 14: Transport information**

UN number: 2811

Class number: 6.1

Proper shipping name: not known

Packing Group: III

Keep in original container. Do not turnover the container.

#### **Section 15: Regulatory information**

EC number: N/A

Risk Phrases: R20/22. Harmful by inhalation and if swallowed.

Safety Phrases: S2, S20, S38, S45. Keep out of reach of children. When using, do not eat or drink. In case of insufficient ventilation, wear suitable respiratory equipment. In case of accident or if you feel unwell, contact a doctor or Poisons Information Centre immediately (show the label where possible).

#### **Section 16: Other information**

Disclaimer: The information and data contained herein are believed to be correct. The recommendations and suggestions for the use of this product are based upon tests and published documents believed to be reliable. The use of this product being beyond the control of manufacturer. No guarantee express or implied is made as to the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all

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