



## Material Safety Data Sheet

### Picoxystrobin

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1 Product identifiers

Product name : Picoxystrobin  
CAS No. : 117428-22-5  
Chemical Formula: : C<sub>18</sub>H<sub>16</sub>F<sub>3</sub>NO<sub>4</sub>

##### 1.2 Details of the supplier of the safety data sheet

Company : Ningbo Huili Import & Export Co., Ltd.  
ROOM 1403, No.757, RILI MIDDLE ROAD, YINZHOU,  
NINGBO, CHINA  
Telephone :0086574-87641888  
Fax :0086574-87641880

#### SECTION 2: Hazards identification

**GHS Classification:** Acute toxicity, Inhalation (Category 4), H332  
Short-term (acute) aquatic hazard (Category 1), H400

**Signal word** Warning

##### Hazard statement(s)

H332 Harmful if inhaled.  
H400 Very toxic to aquatic life.

##### Precautionary statement(s)

P273 Avoid release to the environment.

##### Response

P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.  
P391 Collect spillage.

#### SECTION 3: Composition/information on ingredients

Chemical name	CAS No.	Content %
Picoxystrobin	117428-22-5	98
Others	-	



## SECTION 4: First aid measures

**Eyes:** Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**Skin:** Wash off with soap and plenty of water. Consult a physician.

**Swallowed:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## SECTION 5: Firefighting measures

**Suitable extinguishing media** Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards** Carbon oxides, Nitrogen oxides (NO<sub>x</sub>), Hydrogen fluoride.

**Advice for firefighters** Wear self-contained breathing apparatus for firefighting if necessary.

## SECTION 6: Accidental release measures

**Procedure(s) of personal precaution(s):** Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Material and methods for containment and cleanup procedures:** Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

## SECTION 7: Handling and storage

**Precautions for Safe Handling:** Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed.

**Conditions for safe storage:** Keep container tightly closed in a dry and well-ventilated place.

## SECTION 8: Exposure controls/personal protection

**Appropriate engineering controls:** Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Eye /face Protection:** Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN

166(EU).

**Body Protection:** Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace..

## SECTION 9: Physical and chemical properties

Appearance	: Solid, Creamy colour
Melting Point:	: 74.7°C
Density	: 1.83 g/cm <sup>3</sup> at 20 °C
Boiling point	: N/A
pH	: 7.5 at 10 g/L at 20 °C
Relative density	: 1.400 g/cm <sup>3</sup> at 20 °C

## SECTION 10: Stability and reactivity

**Chemical stability:** Stable under recommended storage conditions.

**Possibility of hazardous reactions:** Violent reactions possible with: Strong oxidizing agents.

**Hazardous decomposition products:** Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NO<sub>x</sub>), Hydrogen fluoride.

In the event of fire: see section 5

## SECTION 11: Toxicological information

**Oral LD<sub>50</sub>:** >5000 mg/kg (rat)

**Dermal LD<sub>50</sub>:** >2000 mg/kg (rat)

**Inhalation LD<sub>50</sub>:** >3190 mg/kg (rat-female-4h)

**Carcinogenicity:** No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

## SECTION 12: Ecological information

**Toxicity to fish:** LC<sub>50</sub> - *Oncorhynchus mykiss* (rainbow trout) - 0.075 mg/l - 96.0h

**Toxicity to daphnia and other aquatic invertebrates:** EC<sub>50</sub> - *Daphnia magna* (Water flea) - 0.024 mg/l - 48 h

**Results of PBT and vPvB assessment:** PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

**Other adverse effects:** Very toxic to aquatic life.



### **SECTION 13: Disposal considerations**

**Waste treatment methods:** Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

### **SECTION 14: Transport information**

**UN proper shipping name** : Environmentally hazardous substance, solid, n.o.s (Picoxystrobin)

### **SECTION 15: Regulatory information**

According to local authorities' requirements.

### **SECTION 16: Other information**

None

-----The End-----