



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: : C₁₈H₁₆F₃NO₄

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_x), 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 ³ at 20 °C
Boiling point	: N/A
pH	: 7.5 at 10 g/L at 20 °C
Relative density	: 1.400 g/cm ³ at 20 oC

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_x), Hydrogen fluoride.

In the event of fire: see section 5

SECTION 11: Toxicological information

Oral LD₅₀: >5000 mg/kg (rat)

Dermal LD₅₀: >2000 mg/kg (rat)

Inhalation LD₅₀: >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: LC₅₀ - Oncorhynchus mykiss (rainbow trout) - 0.075 mg/l - 96.0h

Toxicity to daphnia and other aquatic invertebrates: EC₅₀ - 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

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