

MATERIAL SAFETY DATA SHEET

PRIORI 250 SC

1. Product and Company Identification :

Product Name : Azoxystrobin 25 % SC

Company : Zhenjiang Bosst Cropscience Co. Ltd

Address No.: Fangjindai Road; Haiyan Economic Development Zone; Haiyan; Zhejiang;
China

Tel: 0086 – 571 – 86343808

Fax : 0086 – 571 – 86229999

Composition/Information on Ingredients :

Ingredients	Content % (w/v)
Azoxystrobin	25
Inert Ingredients	
Dispersing Agent (Sodium Salt of Methylene Dinaphthalene)	3
Emsulfying Agent (Polyoxyethiene Sorbitan Monolaurate)	3
Dispersing Agent (SiO ₂ .nH ₂ O)	1
Antifreeze (Glycol)	5
Thickner (Xanthan Gum)	0.2
Water	Make to 100

2. Hazard Identification of Preparation

2.1 Classification of the substance or mixture

Classification according to Regulation (EU) 1272/2008

Acute aquatic toxicity Category 1 H400

Chronic aquatic toxicity Category 1 H410

For the full text of the H-Statements mentioned in this Section, see Section 16.

Classification according to EU Directives 67/548/EEC or 1999/45/EC

N, Dangerous for the environment

R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Very toxic to Aquatic organisms, may cause long – term adverse effects in the aquatic environment.

3. Label elements

Labelling: Regulation (EC) No. 1272/2008

Hazard pictograms



Signal word : Warning

Hazard statements : H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements : P391 Collect spillage.P501 Dispose of contents/ container to an approved waste disposal plant.

Supplemental information : EUH401 To avoid risks to human health and the environment, comply with the instructions for use.

Hazardous components which must be listed on the label:Labelling: EU Directives 67/548/EEC or 1999/45/EC

Symbol(s)



Dangerous for the environment

R-phrase(s) : R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S-phrase(s) : S 2 Keep out of the reach of children.

S13 Keep away from food, drink and animal feeding stuffs.

S20/21 When using do not eat, drink or smoke.

S35 This material and its container must be disposed of in a safe way.

S57 Use appropriate container to avoid environmental contamination.

Special labelling of certain mixtures :: To avoid risks to man and the environment, comply with the instructions for use.

4. First Aid Measures :

Inhalation : Remove to fresh air. If breathing is irregular or stopped, administer artificial respirator

Keep patient warm and at rest

Call a physician or Poison Control Centre Immediately

Skin Contamination : Take off all contaminated clothing immediately.

Wash off immediately with plenty of water.

If skin irritation persists, call a physician.

Wash contaminated clothing before re-use.

Eye Contact : Rinse immediately with plenty of water, also under the eye lids at least for 15 min. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Call a poison control centre or doctor for treatment advice.

Ingestion : If swallowed seek medical advice immediately and show this container or label to the doctor. Do not induce vomiting

Medical Advise : There is no specific antidote available. Treat symptomatically.

5. Fire Fighting Measures

Extinguishing media :

Extinguishing media - small fires

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Extinguishing media - large fires

Alcohol-resistant foam or Water spray

Do not use a solid water stream as it may scatter and spread fire.
Special hazards arising from the substance or mixture
As the product contains combustible organic components, fire will produce dense black smoke containing hazardous products of combustion

Exposure to decomposition products may be a hazard to health.
Advice for firefighters :Wear full protective clothing and self-contained breathing apparatus.
Do not allow run-off from fire fighting to enter drains or water courses.
Cool closed containers exposed to fire with water spray.

ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Refer to protective measures listed in sections 7 and 8.
Environmental precautions
Prevent further leakage or spillage if safe to do so.
Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.
If the product contaminates rivers and lakes or drains inform respective authorities.

6. Handling and Storage

Precautions for safe handling
No special protective measures against fire required.
Avoid contact with skin and eyes.
When using do not eat, drink or smoke.
For personal protection see section 8.

Conditions for safe storage, including any incompatibilities
No special storage conditions required.
Keep containers tightly closed in a dry, cool and well-ventilated place.
Keep out of the reach of children.
Keep away from food, drink and animal feedingstuffs.

Specific end uses
Registered Crop Protection products: For proper and safe use of this product, please refer to the approval conditions laid down on the product label.

7. Exposure control and Personal Protection

Component(s) with work place control parameters :
Component(s) Exposure Limit(s) : Value type source azoxystrobin 2 mg/m³
Engineering measures : Containment and/or segregation is the most reliable technical protection measure if exposure cannot be eliminated.
The extent of these protection measures depends on the actual risks in use.
If airborne mists or vapors are generated, use local exhaust ventilation controls.
Assess exposure and use any additional measures to keep airborne levels below any relevant exposure limit.
Where necessary, seek additional occupational hygiene advice.

Protective measures : The use of technical measures should always have priority over the use of personal protective equipment.

When selecting personal protective equipment, seek appropriate professional advice.

Personal protective equipment should be certified to appropriate standards.

Respiratory protection : No personal respiratory protective equipment normally required. A particulate filter respirator may be necessary until effective technical measures are installed.

Hand protection : Chemical resistant gloves are not usually required.

Select gloves based on the physical job requirements.

Eye protection : Eye protection is not usually required.

Follow any site specific eye protection policies.

Skin and body protection : No special protective equipment required. Select skin and body protection based on the physical job requirements.

8. Physical and Chemical properties

Form : Suspension Liquid

Colour : White to light yellow

Oxidizing Properties : Non – oxidising

Explosive Properties : Non Explosive

Density : 1.34 g/cm³ at 20°C

9. Stability and Reactivity :

Hazardous decomposition products : Combustion or thermal decomposition will evolve toxic and irritant vapors.

Hazardous Reactions : Not known

Hazardous polymerization does not occur

Stable under normal conditions.

10. Toxicological Information :

Acute oral toxicity : rat, > 5,000 mg/kg

Acute inhalation toxicity : rat, > 6.32 mg/l, 4 h

Acute dermal toxicity : rat, > 2,000 mg/kg

Skin corrosion/irritation : rabbit: Non-irritating

Serious eye damage/eye : irritation : rabbit: Non-irritating

Respiratory or skin sensitization : : guinea pig: not sensitizing

Germ cell mutagenicity : not mutagenic effects in animal experiments.

Carcinogenicity : not carcinogenic effects in animal experiments.

Reproductive toxicity : not show reproductive toxicity effects in animal experiments.

STOT - single exposure : May cause respiratory irritation.

STOT - repeated exposure : No adverse effect has been observed in chronic toxicity tests.

11. Ecological Informations :

Toxicity to fish : : LC50 Oncorhynchus mykiss (rainbow trout), 2.4 mg/l , 96 h

: LC50 Lepomis macrochirus (Bluegill sunfish), 1.1 mg/l

Toxicity to aquatic invertebrates : EC50 Daphnia magna (Water flea), 0.47 mg/l , 48 h
Toxicity to aquatic plants : ErC50 Pseudokirchneriella subcapitata (green algae), 0.26 mg/l
: EbC50 Pseudokirchneriella subcapitata (green algae), 0.23 mg/l

Persistence and degradability :

Stability in water : Degradation half : life: 214 d; The substance is stable in water.

Stability in soil : Degradation Half life : 80 d; Not persistent in soil.

Bioaccumulative potential : has medium bioaccumulation potential.

Mobility in soil : low to very high mobility in soil.

12. Disposable Considerations :

Waste treatment methods

Product : Do not contaminate ponds, waterways or ditches with chemical or used container.

Do not dispose of waste into sewer.

Where possible recycling is preferred to disposal or incineration.

If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging : Empty remaining contents. Triple rinse containers.

Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

13. Transport Information :

Land transport (ADR/RID)

UN number: UN 3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AZOXYSTROBIN)

Transport hazard class(es): 9

Packing group: III

Labels: 9

Environmental hazards : Environmentally hazardous

Sea transport(IMDG)

UN number: UN 3082

UN proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (AZOXYSTROBIN)

Transport hazard class(es): 9

Packing group: III

Labels: 9

Environmental hazards : Marine pollutant

14. Regulatory Information :

Keep out of the reach of Children

Keep away from food, drink and animal feedingstuffs

When using do not eat, drink and smoke

This material and its container must be disposed of in a safe way.

Use appropriate container to avoid environmental contamination.

15. Other information :

The data given here is based on current knowledge and experience. The purpose of this safety data sheet is to describe the product in terms of its safety requirement. The data does not signify and warranty with regard to the product's properties.

MSDS Date Revised : June; 2014

MSDS Date Modified: June, 2020

Disclaimer

The Content given here in, are as per the declaration given by the manufacturer and EABCL Claims zero Responsibility.