



MATERIAL SAFETY DATA SHEET

Manufacturer/information service:

ZHEJIANG RAYFULL CHEMICALS CO.,LTD

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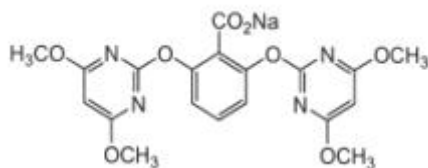
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1. Chemical Product Identification

Product name: Bispyribac-sodium 95% TC

Molecular Formula: C₁₉H₁₇N₄NaO₈

Structural Formula:



Chemical name: Sodium 2, 6-bis (4, 6-dimethoxy pyrimidin- 2-yloxy) benzoate

Molecular Weight: 452.35

Chemical family: Herbicide

Form: Powder

Color: White

CAS No.: 125401-92-5

2. Composition / Information On Ingredients

Composition	CAS No.	Content %
Bispyribac-sodium	125401-92-5	95.0
Other ingredients	---	5.0

3. Hazards Identification

Adverse Human Health Effects: Effect of over exposure: We have never faced the poisoning



problem attributed to bispyribac-sodium technical on laboratory researchers, factory workers and users, however, over-exposure experiments on animals showed that the administration of an extra-ordinary large quantity of bispyribac-sodium technical may cause hypoactivity, abnormal walking and prostration.

4. First Aid Measures

Skin Contact: Wash material off the skin in flowing water or shower with soap. If irritation persists, consult a physician immediately. **Eye Contact:** Immediately flush with copious amount of water for at least 15 minutes. **Inhalation:** Remove the victim to fresh air and keep him warm and quiet. Get a medical attention immediately. If not breathing, clear the airway and give artificial respiration. If breathing is difficult, give oxygen. **Ingestion:** Induce vomiting by giving one or two glasses of water. Get a medical attention immediately. If the victim is unconscious or having convulsions, never give fluids nor induce vomiting.

5. Fire-Fighting Measures

Extinguishing Media: Water, dry chemical powder, foam or carbon dioxide **Special Fire Fighting Procedure:** Use water, dry chemical powder or carbon dioxide in extinguishing. For a fire in surrounding area, apply water to cool and protect surrounding equipments. Remove containers, if feasible, from the fire area to safe place immediately. Fire fighters should wear protective gears including a positive pressure self-contained breathing apparatus. Evacuate non essential personnel.

6. Accidental Release Measures

Evacuate non essential personnel by roping the area of leak or spill. Evacuate people to upwind of the spilled area. Remove all sources of ignition; No flares, smoking, or flames in the area immediately. Wear protective gears and never work downwind. For small spills, adsorb with inert materials (e.g. dry sand or earth), then place in a waste chemical container for disposal. Flush residual spill (area) with a plenty of water. Prevent spills from entering sewers, watercourses or low areas.

7. Handling And Storage

Store the material in a well-ventilated, secure area out of reach of children and domestic animals. Do not store food, beverages or tobacco products in the storage area. Prevent eating,



drinking, tobacco use, and cosmetic application in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.

8. Exposure Controls/Personal Protection

Engineering Controls: The use of local exhaust ventilations is recommended. Containers should be kept tightly closed. Make available emergency showers and eye washes in a work area.

Personal Protective Equipment: Wear chemical cartridge respirator with an organic vapour cartridge, airline respirator, positive pressure self-contained breathing apparatus, safety goggles, gloves and boots as appropriate.

9. Physical and Chemical Properties

Appearance: white powder;

Water content: $\leq 0.3\%$;

Acidity(as H₂SO₄): $\leq 0.3\%$.

10. Stability and Reactivity

Stability : Stable under normal use and storage condition.

Hazardous Polymerization: Will not occur.

Conditions to Avoid : Not available.

Materials to Avoid : Not available.

Hazardous Decomposition Products: Not available.

11. Toxicological Information

Acute oral LD₅₀ (rats) : >4000 a.i.mg/kg

Acute dermal LD₅₀(rats): >4000 a.i.mg/kg

Acute inhalation toxicity:LC₅₀ (4h) for rat: >4.48 a.i.mg/l

Eye Irritation: Slightly irritating to rabbit eyes

Skin Irritation: No irritating to rabbit skin

Skin Sensitization: Non-sensitive (Guinea Pig)

12. Ecological And Ecotoxicological Information

Effects on bees:



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Contact acute 48 hour LD50 is >200 a.i.µg/bee, oral acute 48 hour LD50 is >141 a.i.µg/bee

Effects on fish:

Acute 96 hour LC50 for Rainbow trout is >95 a.i.mg/l.

Effect on Aquatic invertebrates:

Acute 48 hour EC50 for Daphnia magna: >95 a.i.mg/l

Effects on birds:

Acute oral LD50 for Northern Bobwhite is >2250 a.i.mg/kg

Effect on Algae:

Acute 72 hour EC50 is 3.2 a.i.mg/l

13. Disposal Considerations

Do not reuse product containers. Dispose of product containers, waste containers, and residues according to local, state, and federal health and environmental regulations.

14. Transport Information

Shippers must give transporters a transport precautionary instruction at the time of shipping the product. Check the leakage of containers before loading. Make sure to load containers correctly to prevent them from falling down. Follow all regulations with regard to transporting chemicals in your country.

15. Regulatory information

Follow all regulations in your country.

16. Other Information

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.