

COCREATE GLOBAL TECHNOLOGIES PRIVATE LIMITED

U21009KA2023PTC179006

Registered address: FFK Towers, #445, 2nd Floor, 17th Cross Road, Sector 4, HSR Layout, Bangalore, Bangalore South, Karnataka - 560102, India.

Email: info@scimplify.com

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SAFETY DATA SHEET
Bispyribac Sodium 10% SC W/V

1. PRODUCT AND COMPANY IDENTIFICATION

- **Product Name:** Bispyribac Sodium 10% SC W/V
- **Chemical Name:** Sodium 2,6-bis[(4,6-dimethoxypyrimidin-2-yl)oxy]benzoate
- **Molecular Formula:** C₁₉H₁₇N₄NaO₈
- **Usage:** Herbicide
- **Supplier/ Manufacturer:** Cocreate Global Technologies Private Limited

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Percentage (W/V)
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Bispyribac Sodium A.I.	125401-92-5	10.00%
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Other Ingredients	---	90.00%
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3. HEALTH HAZARDS IDENTIFICATION

- **Physical Hazards:** Not Classified
- **Health Hazards:** Not Classified
- **Environmental Hazards:** Aquatic Chronic 2 - H411 (Toxic to aquatic life with long-lasting effects)

Precautionary Statements:

- **P273:** Avoid release to the environment.
- **P391:** Collect spillage.
- **P501:** Dispose of contents/container in accordance with national regulations.
- **PBT/vPvB Classification:** Not classified as Persistent, Bioaccumulative, or Toxic

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4. FIRST AID MEASURES

- **Inhalation:** Move person to fresh air, loosen tight clothing, seek medical attention if symptoms persist.
- **Ingestion:** Rinse mouth thoroughly, seek medical attention if unwell, do not induce vomiting unless directed.
- **Skin Contact:** Rinse with water.
- **Eye Contact:** Rinse with water, seek medical attention if irritation persists.
- **Note to Physicians:** Treat symptomatically.

5. FIRE FIGHTING MEASURES

- **Extinguishing Media:** Alcohol-resistant foam, carbon dioxide, dry powder, or water fog.
- **Hazards in Fire:** Containers may explode due to pressure buildup when exposed to heat.
- **Protective Actions:**
 - Use full protective gear and self-contained breathing apparatus.
 - Avoid breathing fire vapors.
 - Prevent fire water runoff from contaminating water sources.
- **Hazchem Code:** 3Z

6. ACCIDENTAL RELEASE MEASURES

- **Personal Precautions:** Wear protective clothing (see Section 8).
- **Environmental Precautions:** Avoid discharge into drains or water sources.
- **Cleanup Methods:**
 - **Small Spills:** Collect spillage.
 - **Large Spills:** Absorb with non-combustible material and dispose of safely.
 - **Flush affected areas with water.**

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7. HANDLING AND STORAGE

- **Safe Handling:**
 - Use protective clothing.
 - Keep away from food, drink, and animal feed.
 - Avoid mist formation.
- **Storage Conditions:**
 - Store in original container, tightly closed.
 - Keep in a cool, well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- **Occupational Exposure Limits:** No assigned values.
- **Engineering Controls:** Ensure adequate ventilation.
- **Personal Protective Equipment (PPE):**
 - **Eye Protection:** Tight-fitting safety glasses.
 - **Skin Protection:** Wear appropriate protective clothing.
 - **Respiratory Protection:** Use equipment compliant with AS/NZS 1716 standards.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Liquid
Color	White to off-white
Odor	Odorless
pH	7.5 - 8.5

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Property	Value
Relative Density	1.03 - 1.07
Viscosity	350 - 450 cps @ 25°C

10. STABILITY AND REACTIVITY

- **Reactivity:** No known reactivity hazards.
- **Stability:** Stable under normal conditions.
- **Conditions to Avoid:** None known.
- **Hazardous Decomposition Products:** None known.

11. TOXICOLOGICAL INFORMATION

- **Oral LD50 (Rat):** >5,000 mg/kg
- **Dermal LD50 (Rat):** >2,000 mg/kg
- **Inhalation LC50 (Rat, 4h):** >3.99 mg/L
- **Eye Irritation (Rabbit):** Slightly irritating
- **Skin Irritation (Rabbit):** Non-irritating
- **Carcinogenicity:** Not classified as carcinogenic
- **Reproductive Toxicity:** Not classified

12. ECOLOGICAL INFORMATION

- **Environmental Hazard: Aquatic Chronic 2 - H411** (Toxic to aquatic life)
- **Aquatic Toxicity:**
 - **EC₅₀ (72h, Algae):** 24.2 mg/L
 - **Partition Coefficient (log Pow):** -1.03

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- **Adsorption Coefficient (Koc, bipyribac sodium):** 191 - 261
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13. DISPOSAL CONSIDERATIONS

- **Waste Disposal:**
 - Do not dispose of undiluted chemicals in the environment.
 - Rinse empty containers and recycle where possible.
 - Follow local regulations for hazardous waste disposal.
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14. TRANSPORT INFORMATION

- **UN Number:** 3082
 - **Shipping Name:** Environmentally Hazardous Substance, N.O.S. (contains bipyribac sodium)
 - **Hazard Class:** 9
 - **Packing Group:** III
 - **Hazchem Code:** 3Z
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15. REGULATORY INFORMATION

- **Regulatory Compliance:**
 - **Australia - AICS:** Not applicable
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16. OTHER INFORMATION

- **Training:** Only trained personnel should handle this material.
 - **Hazard Statement:** H411 - Toxic to aquatic life with long-lasting effects.
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