

1: IDENTIFICATION

Chemical Name	Sodium 2,6-bis[(4,6-dimethoxypyrimidin-2-yl)oxy]benzoate, 2,6-Bis((4,6-dimethoxy-2-pyrimidine) oxy)-benzoic acid sodium salt		
Synonyms	Bispyribac Sodium 10% SC W/V	Trade Name	OMNISTAR
Uses	Herbicide	Molecular Formula	C ₁₉ H ₁₇ N ₄ NaO ₈
Manufacturer/ Supplier	Ulink AgriTech Pvt. Ltd. Office Nos. 001 And 002, Ground Floor Wing "A" And Nos. 003 And 004 Ground Floor Wing "B", Nyati Tech Park, Wadgaon Sheri, Pune - 411014, Maharashtra		
Emergency Contact	9503095030	E-mail	info@agrostar.in

2: COMPOSITION/INFORMATION OF INGREDIENTS

Chemical Name	CAS #	Percent or Content (w/w)
Bispyribac Sodium A.I.	125401-92-5	10.0 %
Other Ingredient	-	90.0%

3: HAZARD IDENTIFICATION

Physical/Chemical Hazard:	Not Classified
Human Health Hazard:	Not Classified
Environmental Hazard:	H411: Toxic to aquatic life with long lasting effects.
Other Hazard:	This product does not contain any substances classified as PBT or vPvB

4: FIRST AID MEASURES

General: Have the product container, label or Safety Data Sheet while seeking medical attention, a poison control center or physician, or going for treatment. First aid personnel should wear appropriate protective equipment during any rescue.

Inhalation: Move patients to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Immediately seek medical attention if symptoms are severe or persist.

Ingestion: Rinse mouth with water thoroughly and give plenty of water to drink. Do not induce vomiting unless told by medical personnel. Seek medical attention immediately and show this container or label.

Skin Contact: In case of contact with product, wash immediately skin area with plenty of water and soap. Speed in removing material from skin is extremely important. Remove and isolate contaminated clothing and shoes. Seek medical attention.

Eye Contact: Rinse immediately with plenty of water for several minutes. After 5 minutes remove contact lenses if present and continue rinsing with plenty of water. Continue to rinse with eyelid wide open for at least 15-20 minutes. Seek medical attention if irritation develops.

Note to Physician: No specific Antidote. Treat symptomatically.

5: FIRE FIGHTING MEASURES

Extinguishing Media: Water fog, alcohol-resistant foam, dry chemical powder or carbon dioxide

Unsuitable Extinguishing Media: Water jet, as it will spread fire

Specific Hazards: Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous Thermal (de)composition: The decomposition products may include harmful gases or vapours.

Special Procedures: Do not discharge extinguishing water into the drain or water bodies. If risk of water pollution occurs, notify appropriate authorities. Move containers away from area if it can be done without risk. If possible without risk, remove containers from fire zone, cool them with water spray. If a leak or spill has not ignited, use water spray to disperse vapours and stopping the leak.

Protection of Fire Fighters: Do not breathe a fumes. Wear fire/flame resistant/retardant clothing. Do not enter fire area without proper protective equipment, including respiratory protection.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ventilate spillage area and no open flame, spark, and smoking. Avoid breathing fume. Use personal protective equipment including suitable protective clothing, gloves and eye or face protection. Evacuate personnel to safe areas.

Environmental Precaution: Do not allow runoff to enter drains and public waters. Notify the authorities if product enters.

Methods for Cleaning-up: Adsorb spillages with non-combustible, absorbent material. Collect and transfer into waste disposal containers and seal securely. Label containers as waste and contaminated materials and remove from the area as soon as possible. Clean contaminated floors and objects thoroughly with water and detergents. Wear suitable protective equipment.

7: HANDLING & STORAGE

Handling: Do not smoke, drink, or eat during handling. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wear protective equipments to avoid contact and/or inhalation with the product. Remove contaminated clothing and shoes. Wash clothing and equipment before reuse. Good personal hygiene procedures must be practiced.

Specific Conditions: Good local exhaust ventilation.

Storage: Store in cool, well-ventilated area. Keep in original container and tightly closed when not in use. Protect containers from damage. Keep product away from seeds, fertilizer, foods and animal feeds.

8: EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures: Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Emissions from ventilation or work process equipment does not comply with the requirements of environmental protection legislation, fume scrubbers, filter or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

General Protection: Avoid contact with eyes and skin. While handling the product wear cotton overalls buttoned to the neck and wrist, elbow-length PVC gloves and face shield. After use and before eating, drinking and smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash gloves and contaminated clothing.

Personal Protection: Follow all precautions and instructions on the label. In all other cases the following recommendations would apply.

Respiratory Protection: Always use NIOSH/MSHA approved respiratory protection equipment.

Skin Protection: Wear suitable protective clothing, including long sleeved shirt, long pants and shoes with socks, gloves, or cover all to avoid skin contact. Any clothing or other absorbent material which has been drenched or heavily contaminated must be discarded.

Hand Protection: Chemical-resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyvinyl chloride (PVC) or Viton.

Eye Protection: Safety goggles, chemical splash goggles or face shield for eyes protection should be used. Safety showers and eyewash should be easily available.

Others: Wash clothing before reusing.

9: PHYSICAL/CHEMICAL PROPERTIES

Appearance: Liquid	Specific Gravity: 1.03-1.07	Physical State: Liquid	Odour : Odourless
Colour: White to off-white	pH: 7.5 -8.5 (conc. solution)	Flash Point [°C]: No data available	Solubility in Water: Dispersible

10: STABILITY & REACTIVITY

Stability: Stable under normal circumstances. **Conditions to avoid:** No known conditions that are likely to result in a hazardous situation.

Hazardous Decomposition Products: No hazardous products known under conditions of normal use.

Possibility of Hazardous Reactions: No dangerous reaction known under conditions of normal use.

11: TOXICOLOGICAL INFORMATION

Rat oral LD50 [mg/kg] : >5000	Rat inhalation LC50 [mg/l/4h] : >3.99	Skin irritation (rabbit): Slightly Irritant
Dermal (rat) LD50 [mg/kg]: >2000	Skin Sensitization (Guinea Pig): Non-sensitizer	Eye irritation (rabbit): Non-Irritant

12: ECOLOGICAL INFORMATION

Ecotoxicity: Very toxic to aquatic organisms with long lasting effect.

Pseudokirchneriella subcapitata EC50 (72 hrs) [mg/L]: > 24.2

Bio-accumulation Potential: No data available

Persistence, Degradability and Mobility in soil: No data available

13: DISPOSAL CONSIDERATION

Waste-disposal Procedures: Dispose of this product only according to the label. Do not contaminate drains, streams, rivers or waterways with the chemical or used container. 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 and the rinse containers before disposal thrice. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers.

14: TRANSPORT INFORMATION

UN No. 3082 **Proper Shipping Name:** Environmentally Hazardous Substance, N.O.S. (contains Bispyribac Sodium)

Land Transport (ADR/RID): Class-9, Packing Group-III

Sea Transport (IMO/IMDG): Class-9, Packing group-III, Marine Pollutant-Yes

Air Transport (IATA/CAO): Class-9 Packing group-III, Environmental hazard mark-Yes

15: REGULATORY INFORMATION

Hazard Symbol: GHS09

Hazard Statements: H411 Toxic to aquatic life with long lasting effects.

16: OTHER INFORMATION

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