ULINK AGRITECH PRIVATE LIMITED

MATERIAL SAFETY DATA SHEET : WEEDCOTT(PYRITHIOBAC SODIUM 10% EC)

1:IDENTIFICATION

Chemical Name	Pyrithiobac sodium salt		
Synonyms	Pyrithiobac Sodium	**Trade Name**	**WEEDCOTT(PYRITHIOBAC SODIUM 10% EC)**
Uses	Herbicides	**Molecular Formula**	$C_{13}H_{10}ClN_2NaO_4S$
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)
Pyrithiobac Sodium	123343-16-8	10.00%
Other Ingredients	-	Q.S

3: HAZARD IDENTIFICATION

Product Hazard Classification: Skin irritation (Category 2) Eye irritation (Category 2A)
Specific target organ toxicity - single exposure (Category 3)

Signal Words: Warning

Hazard Statements:
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.

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. Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

Inhalation: Move patients to fresh air. Keep the patients warm and at rest. If person is not breathing then give artificial respiration. Allow patients to rest. Immediately seek medical attention.

Ingestion: Rinse mouth with water and give plenty of water to drink. Do not induce vomiting unless told by a physician. Do not give anything by mouth to an unconscious person. 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. Call 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 and give supportive therapy.

5:FIRE FIGHTING MEASURES

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

Specific Hazards: Carbon oxides, Hydrogen chloride, Nitrogen oxides, Sodium oxides, Sulfur oxides may released in the event of fire.

Hazardous Thermal (de)composition: Oxides of nitrogen, sulfur and carbon, and hydrogen chlorides may release as combustion products.

Special Procedures: Move containers away from area if it can be done without risk. If possible remove containers from fire zone, cool them with water spray. Minimize use of water to prevent environmental contamination. Dike and collect water used to fight fire to prevent environmental damage due to runoff. If area is not too heavily exposed to fire, and if conditions permit, let fire burn itself out, since water may increase the contamination hazard. Do not discharge extinguishing water into the drain or water bodies.

Protection of Fire Fighters: Do not enter fire areas without proper protective equipment, including respiratory protection. As in any fire, wear a NIOSH-approved or equivalent, pressure-demand, self-contained breathing apparatus and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

6:ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear protective equipment and keep unprotected personnel away. Ensure adequate ventilation. Remove all sources of ignition. Prevent further leak or spill if safe to do so.

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

Methods for Cleaning up: Prevent further leak or spill if safe to do so. Vacuum, sweep up, or absorb with inert material and place into a suitable disposal container. Consult local regulations for disposal. See section 13 for further disposal information.

7:HANDLING & STORAGE

Handling: Avoid contact with skin, eyes, and personal clothing. Wash hands thoroughly after handling. Avoid breathing fumes. Use only with adequate ventilation. Wear suitable protective clothing, gloves, and eye/face protection. Keep away from sources of ignition. Minimize dust generation and accumulation. Keep container tightly closed. Open and handle container with care. Do not eat, drink, or smoke while handling.

Specific Conditions: Good local exhaust ventilation.

Storage: Store in a tightly-closed container when not in use. Store in a cool, dry, well-ventilated area away from incompatible substances. Keep away from sources of ignition. Containers or incompatible materials.

8:EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures: Ensure adequate general and local exhaust ventilation to keep airborne concentrations low. Handle in accordance with good industrial hygiene and safety practice.

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: Must wear suitable protective clothing. No fabric can provide protection against all potential hazards; therefore, it is important to select the appropriate protective clothing for each specific hazard. At the minimum, wear a laboratory coat and close-toed footwear. 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: Pale yellow to yellowish brown liquid	**pH**: No data available	**Physical State:** Liquid
Colour: Yellow to yellowish brown	**Solubility in Water:** Emulsifiable	**Odour:** No data available.
Acidity: ≤0.50%	**Density [g/ml]:** 1.05 - 1.08	**Emulsion Stability**: No creaming or sedimentation

10:STABILITY & REACTIVITY

Stability: Stable for under normal circumstances.

Material to Avoid: Strong acids. Strong bases. Strong oxidising agents.

Hazardous Decomposition Products: Carbon oxides, Hydrogen chloride, Nitrogen oxides, Sodium oxides, Sulfur oxides.

Conditions to Avoid: Strong oxidizing agents.

11: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity: Oral LD50 3,200 mg/kg (rat)

Primary Irritant Effect:

Skin corrosion/irritation: No irritant effect.

Serious eye damage/irritation: Irritating effect.

Respiratory or skin sensitisation: No sensitising effects known.

12: ECOLOGICAL INFORMATION

Toxicity: Aquatic Toxicity: No further relevant information available.

Persistence and Degradability: No further relevant information available.

Behaviour in Environmental Systems: Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional Ecological Information:

General notes: Water hazard class 1 (German Regulation) (Self-assessment): Slightly hazardous for water Do not allow undiluted product or large quantities of it to reach groundwater, water course or sewage system.

13: DISPOSAL CONSIDERATION

Waste-disposal Procedures: Dispose of this product only according to the label. Must not be disposed together with household garbage. Do not contaminate drains, streams, rivers or waterways with the chemical or used container.

Contaminated Packaging: Empty remaining contents and the rinse containers thrice before disposal. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not re-use empty containers unless they are specifically designed to be refilled.

14: TRANSPORT INFORMATION

UN No. 3082 **Proper Shipping Name**: Environmentally Hazardous Substance, Liquid, N.O.S. (Pyrithiobac sodium 10% EC)

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

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

Air Transport (IATA/ICAO): Class-9, Packing group-III

15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

Australian Inventory of Chemical Substances: Substance is not listed.

Standard for the Uniform Scheduling of Medicines and Poisons: Substance is not listed.

Hazard Symbol: GHS07 **H-Statements**: H315, H319, H335

16: OTHER INFORMATION

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