

1:IDENTIFICATION

Chemical Name	Phosphorous - Potassium Mixed Water Soluble Fertilizer		
Synonyms	Fertilizer	Trade Name	NPK 0:42:47 +2.8% Fe (BLOOM MASTER)
Uses	Fertilizer, Crop Nutrient	Molecular Formula	Not Applicable
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	Percent or content (w/w)
Phosphorous	42.00%
Soluble Potassium	47.00%
Iron	2.80%

3: HAZARD IDENTIFICATION

Emergency Overview: Not Available	Route of Entry: Eyes, Inhalation, Skin and Ingestion
Classification of Product: Non-Hazardous	Hazardous Components: None
Precautionary Labelling	
Health – 1 slight	Reactivity – 1 slight
	Flammability – 0 none
	Contact – 0 none

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.

Inhalation: Move person to fresh air and keep warm and at rest in a position comfortable for breathing. Immediately seek medical attention if symptoms are severe or persist.

Ingestion: Rinse mouth with water thoroughly and give water to drink. Do not induce vomiting unless told to do so by doctor. Never 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. 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: Fire extinguishing measures to surrounding areas.

Unsuitable Extinguishing Media: None known

Specific Hazard: The product is not combustible and non-explosive. No special measures required against explosion and fire. Do not inhale explosion and/or combustion gases

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 with water spray. Approach fire from upwind to avoid hazardous vapours and toxic decomposition products. streams. Dike area to prevent water runoff.

Protection of Fire Fighters: Do not inhale explosion and/or combustion gases. Approach fire from up wind. Wear a self contained breathing apparatus and complete protective clothes.

6:ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment including suitable protective clothing, gloves and eye or face protection.

Environmental Precaution: Avoid creating dust. Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

Methods for Cleaning-up: Pick up the material mechanically and place in a container for proper disposal in accordance with local, state and federal regulations.

7:HANDLING & STORAGE

Handling: Ensure good ventilation/exhaustion at the workplace. Avoid breathing dust. Do not smoke, drink, or eat during handling. Wash hands and other exposed areas with soap and water before and after handling the product. Good personal hygiene procedures must be practiced.

Storage: Store in dry, cool and well-ventilated area. Keep in original container and tightly closed when not in use. Keep out of reach of children. Do not contaminate water, food or feed by storage or disposal.

8: EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures: Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. The control exposure parameters are not defined.

General Protection: Avoid contact with eyes and skin. 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: Approved NIOSH/MSHA dust respirator should be used if airborne particles are generated when handling the material.

Skin Protection: Wear suitable protective working clothing including long sleeved shirt, long pants, gloves, shoes and socks 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 glasses with side shields or goggles for eyes protection should be used. Safety showers and eyewash should be easily available.

Others: Wash clothing before reusing.

9: PHYSICAL/CHEMICAL PROPERTIES

Appearance: Powder

Colour: Natural/ undefined

pH: 4-7(10%)

Decomposition Temp.[°C]: 150

Solubility in Water: Soluble

Odour : Not Determined

Physical State: Solid

10: STABILITY & REACTIVITY

Stability: Stable under normal circumstances.

Material to Avoid: None

Hazardous Decomp. Products: None

Conditions to Avoid: High temperature, moisture

11: TOXICOLOGICAL INFORMATION

Effects on Exposure: Dust from this product may cause irritation of the respiratory tract. If ingested in large amounts nausea, vomiting and diarrhea are probable. May cause eye irritation. Repeated or prolonged skin contact may cause irritation.

Human Oral LDLO (mg/kg): No data available

Carcinogenicity: No evidence of carcinogenic properties.

Mutagenicity: No evidence of mutagenic effects.

Reproductive Effects: None identified.

12: ECOLOGICAL INFORMATION

This material will promote algae growth and may degrade water quality. May act as a plant nutrient and precipitate heavy metals from aquatic systems.

Environmental Toxicity: No information found.

13: DISPOSAL CONSIDERATION

Waste-disposal Procedures: Dispose of this product only according to the label or in compliance with government requirements or local regulations. Do not contaminate drains, streams, rivers or waterways with the chemical or used container.

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.

14: TRANSPORT INFORMATION

UN Classification: Not classified as hazardous.

Transport Hazard Class: None.

Packing Group: Not applicable

15: REGULATORY INFORMATION

WHMIS: Compound fertilizers and not classified, i.e. considered non-hazardous material

R- Phrases : None

S-Phrases: None

H-Statement: None

Immediate (Acute) Health Effects: No

Delayed (Chronic) Health Effects: No

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactivity: No

SECTION 313 (40 CFR 372): None

16: OTHER INFORMATION

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