



ULINK AGRITECH PRIVATE LIMITED
MATERIAL SAFETY DATA SHEET : PURE KELP

1: IDENTIFICATION

Technical Name	Durvillaea Potatorum Extract	Trade Name	PURE KELP
Synonyms	Durvillaea potatorum 7.5% (liquid)	Molecular Formula	Not Applicable
Uses	Adjuvant		
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

Specification: Seaweed Extract 15% w/w and plant based performance enhancers

Chemical Name	Percent or Content (w/w)
Seaweed Extract (<i>Durvillaea Potatorum</i>)	min. 7.5 %
Citric acid	min 0.5 %
Water	92 %

3: HAZARD IDENTIFICATION

Hazard Classification: Non-Hazardous
Not classified as Hazardous according to the criteria of GHS.
Not classified as a schedule poison according to NDPS.

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 patients to fresh air and keep warm and at rest in a position comfortable for breathing. Seek medical advice if breathing difficulty develops.

Ingestion: Rinse mouth with water thoroughly and give plenty of water to drink. Do not induce vomiting. Never give anything by mouth to an unconscious person. Ingesting large quantities may cause bowel discomfort. Seek medical advice if this occurs, and show this container or label.

Skin Contact: In case of contact with product, remove contaminated clothes and wash exposed skin area with plenty of water and soap immediately. Seek medical attention if irritation persists.

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: Use extinguishing media suitable for surrounding fire situations.

Specific Hazards: No specific hazard as product is non-flammable and non-combustible.

Special Procedures: Collect extinguishing water separately and do not discharge into the drain or water bodies. If risk of water pollution occurs, notify appropriate authorities. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Protection of Fire Fighters: Do not breathe a fumes. Wear self-contained breathing apparatus and protective suit. Use personal protective equipment.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ensure adequate ventilation. Avoid contact with the skin, eyes and clothing. Avoid walking in spilled product as it is slippery. Shut off possible ignition sources. Use personal protective equipment. 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: Soak up spilled product with absorbent non-combustible material such as sand or soil. Collect and transfer into waste disposal containers. Clean contaminated floors and objects thoroughly with water and detergents. Dispose of in accordance with local regulations. 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 and after handling material. Avoid contact with eyes and skin. Do not inhale spray mist. Wash clothing and equipment before reuse. Good personal hygiene procedures must be practiced.

Specific Conditions: Good local exhaust ventilation.

Storage: Store in dry, cool, well-ventilated area. Keep in original container and tightly closed when not in use. Keep product away from children, seeds, fertilizer, foods and animal feeds. Do not store for prolonged periods in direct sunlight. Do not store below 4 °C.

8: EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures: No exposure standard has been established for this product. Natural ventilation is sufficient when handling concentrate and preparing spray solution.

General Protection: Avoid contact with eyes and skin. While handling the product wear cotton overalls buttoned to the neck and wrist, elbow-length impervious gloves. 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.

Skin Protection: Wear suitable protective clothing, including long sleeved shirt, long pants, gloves, coveralls, and boots to avoid skin contact.

Hand Protection: Impervious clean gloves recommended for prolonged use or if used regularly.

Eye Protection: Avoid eye contact. Safety showers and eyewash should be easily available.

Others: Wash clothing before reusing.

9: PHYSICAL/CHEMICAL PROPERTIES

Appearance: Clear colourless liquid

Colour: Colourless/ Transparent

pH: 3.5 - 4.6

Physical State: Liquid

Conductivity: 30-50 mS/cm

Odour : Seaweed odour

Flash Point [°C]: 110

Specific Gravity: 1.00

Flammability: Non-Combustible

Solubility in Water: Miscible

Melting Point [°C]: No data available

10: STABILITY & REACTIVITY

Stability: Stable under normal circumstances.

Conditions to Avoid: Prolong direct sunlight

Hazardous Decomp. Products: None known

Hazardous Polymerisation: Does not occur

11: TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available. May cause bowel irritation if consumed in large quantities.

Carcinogenicity: No data available.

Skin: No data available. May cause irritation after prolonged or repeated exposure.

Aspiration Hazard: No data available

Eye: No data available. May cause irritation.

Respiratory or Skin Sensitisation: No data available

STOT Single Exposure/ Repeated Exposure: No data available

Reproductive Toxicity: No data available.

12: ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Bio-accumulation Potential: No data available

Persistence/Degradability: No data available

Mobility in Soil: No data available

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: Contaminated packaging should be emptied. Triple or preferably pressure rinse containers before disposal. Dispose of used container in accordance with all local and national regulations. Recycle containers if possible (replace cap and return cleaned container to recyclers or collection point). Empty containers and product should not be burned.

14: TRANSPORT INFORMATION

UN No. Not Applicable

Proper Shipping Name: Not Applicable

Land Transport (ADR/RID): Not regulated for transport of Dangerous Goods

Sea Transport (IMO) (IMDG): Not regulated for transport of Dangerous Goods

Air Transport (IATA / ICAO): Not regulated for transport of Dangerous Goods

15: REGULATORY INFORMATION

SUSMP Poisons Schedule: Not scheduled

16: OTHER INFORMATION

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