

1: IDENTIFICATION

Chemical Name	Alcohols, C11-14-iso-, C13-rich, ethoxylated	Trade Name	INTERFECT
Synonyms	Alcohols, C11-14-iso-, C13-rich, ethoxylated	Molecular Formula	-
Uses	Foliar use biopolymer 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

Chemical Name	CAS #	Concentrate
Alcohols, C11-14-iso-, C13-rich, ethoxylated	78330-21-9	3% - 25 %

Substances posing a danger to health or the environment in accordance with the Regulation (EC) No. 1272/2008, assigned a Community exposure limit in the workplace, and classified as PBT/vPvB or included in the Candidate List

3: HAZARD IDENTIFICATION

Classification of the Substance or Mixture:

Acute Tox. 4: Acute toxicity (Oral), Category 4 Eye Dam. 1: Serious eye damage, Category 1B

GHS Label Elements:

Hazard Symbol: GHS05 **Signal Word:** Danger **Precautionary Statements:** P280, P305+P351+P338, P310 **H - Statements:** H302, H318

Contains: Alcohols, C11-14-iso-, C13-rich, ethoxylated (CAS 78330-21-9)

Other Hazards: The mixture does not contain substances classified as PBT and vPvB, and any endocrine disrupting properties substances.

In normal use conditions and in its original form, the product itself does not involve any other risk for health and the environment

4: FIRST AID MEASURES

General: Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

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

Ingestion: Rinse mouth with water. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything to an unconscious person. Seek medical attention immediately.

Skin Contact: In case of contact with product, immediately wash 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 with eyes wide open. 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.

Most Important Symptoms and Effects, Both Acute and Delayed: Corrosive Product, contact with eyes or skin can cause burns; ingestion or inhalation can cause internal damage, if this occurs immediate medical assistance is required. Contact with eyes may cause irreversible damage.

Indication of any immediate medical attention and special treatment needed.: Request immediate medical attention. Never administer anything orally to persons who are unconscious. Do not induce vomiting. If the person vomits, clear the respiratory tract. Cover the affected area with a dry sterile bandage. Protect the affected area from pressure or friction.

Note to Physician: No specific antidote is available. Treat symptomatically

5: FIRE FIGHTING MEASURES

Extinguishing Media: Water Spray, Dry Chemical, Alcohol-resistant Foam, and Carbon Dioxide

Unsuitable Extinguishing Media: Direct stream of water. In the presence of electrical voltage, do not use water or foam as extinguishing media.

Specific Hazards: Exposure to combustion or decomposition products can be harmful to your health.

Special Procedure: Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

Protection of Fire Fighters: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Use standard fire fighting techniques.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear self contained breathing apparatus, rubber boots and heavy rubber gloves. Avoid breathing vapors, mist, dust or gas. Ensure adequate ventilation. 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 with inert absorbent material such sand, diatomite, universal binder, sawdust. Collect and transfer into containers for disposal. Decontaminate surfaces and equipment by scrubbing with a suitable decontaminant. Deposit waste in closed and suitable containers for disposal, in compliance with local and national regulations.

7: HANDLING & STORAGE

Handling: Avoid inhalation, contact with eyes and skin. Avoid dust and aerosol formation. Use only in areas with appropriate exhaust ventilation. 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 cool, dry and well-ventilated area. Keep storage container closed when not in use. Keep away from direct sunlight and sources of ignition. Keep away from oxidising agents and from highly acidic or alkaline materials. Keep away from food, feedstuffs, and domestic water supplies.

8:EXPOSURE CONTROL/PERSONAL PROTECTION

Control Parameters: This product contains no substances with Professional Exposure Environmental Limit Values and Biological Limit Values.

Engineering Controls: Ensure adequate ventilation, which can be achieved by using good local exhaust-ventilation and a good general exhaust system

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

Respiratory Protection: Use suitable NIOSH/MSHA approved respiratory protection equipment.

Skin Protection: Wear appropriate working clothes to avoid skin contact. Wash clothing before reusing.

Hand Protection: Compatible chemical resistant gloves such as vinyl, latex or rubber gloves recommended.

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

9:PHYSICAL/CHEMICAL PROPERTIES

Appearance: Liquid

Physical State: Liquid

Odour: Characteristic

Boiling Point [°C]: No data available.

Colour: Brown

Solubility in Water: No data available

Density [g/cm3]: 1.034

pH Value: 5.5

10:STABILITY & REACTIVITY

Stability: Stable under normal circumstances

Possibility of Hazardous Reactions: The product does not present possibility of hazardous reactions.

Materials to Avoid: Strong acids and alkalis, strong oxidising agents

Reactivity: The product does not present hazards by their reactivity

Hazardous Decomposition Products: No decomposition if used for the intended uses. **Conditions to Avoid:** Avoid any improper handling

11: TOXICOLOGICAL INFORMATION

Acute Toxicity Estimate (ATE): Mixtures- ATE (Oral) = 2.133 mg/kg

Skin Corrosion/Irritation: No data available

Mutagenicity: No data available

Reproductive Toxicity: No data available

Eye Corrosion/Irritation: Causes serious eye irritation

Aspiration Hazard: No data available

Carcinogenicity: No component of this product present is identified as probable, possible or confirmed human carcinogen by IARC

Additional Information: This product does not contain components with endocrine-disrupting properties with effects on human health.

12: ECOLOGICAL INFORMATION

Toxicity: No data available

Results of PBT and vPvB Assessment: No data available

Persistence in Degradability: No data available

Bioaccumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: No data available

13: DISPOSAL CONSIDERATION

Waste-disposal Procedures: Do not contaminate drains, streams, rivers or waterways with the chemical or used container. Waste resulting from the use of this product may be disposed of onsite or at an approved disposal facility.

Contaminated Packaging: Do not reuse empty pouch. Discard pouch as according to all applicable local regulations.

14: TRANSPORT INFORMATION

UN No.: -

Proper Shipping Name: Not classified as hazardous for transport

Land Transport (ADR/RID): Not classified as hazardous for transport

Air Transport (IATA/ICAO): Not classified as hazardous for transport

Sea Transport (IMO/IMDG): Not classified as hazardous for transport

15: REGULATORY INFORMATION

Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture: The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products. The product is not affected by the procedure established Regulation (EU) No 649/2012, concerning the export and import of dangerous chemicals.

Hazard Symbol: GHS05

H - Statements: H302, H318

Chemical Safety Assessment: A chemical safety assessment has not been performed.

16: OTHER INFORMATION

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