

1: IDENTIFICATION

Chemical Name	1-Hydroxy Triacontane	Trade Name	PEAK[®] BOOSTER (PEAK BOOSTER)
Synonyms	n-Triacontanol 0.10% EW	Molecular Formula	C ₃₀ H ₆₂ O
Uses	Plant growth regulator		
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)
n-Triacontanol	593-50-0	0.10%
Other Ingredient	-	99.9%

3: HAZARD IDENTIFICATION

Physical/Chemical Hazard	GHS Label elements, including precautionary statements not a hazardous substance or mixture	
Human health Hazard	H315 Causes skin irritation	H335 May cause respiratory irritation
	H302/H312/H332 Harmful if swallowed/in contact with skin/if inhaled	
Environmental Hazard	Not a hazardous substance or mixture	

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. Do not induce vomiting unless told by medical personnel. 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. 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: Avoid heavy hose streams.

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 carbon dioxide and carbon monoxide

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: Protection of fire fighters: Do not breathe a fumes, Wear a self contained breathing apparatus and protective clothes. Fight fire from protected location or maximum possible distance.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ventilate spillage area and keep away ignition sources such as open flame, spark or 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: Sweep up and shovel the material and place in a container for proper disposal in accordance with local, state and federal regulations. Clean contaminated floors and objects thoroughly with water and detergents. .

7: HANDLING & STORAGE

Handling: Do not smoke, drink, or eat during handling. Wash hands and other exposed areas with soap and water before and after handling the product. 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 ventilation.

Storage: Store in well-ventilated area at ambient temperature. Keep in original container and tightly closed when not in use. Protect containers from freezing and direct sunlight. Keep product away from seeds, fertilizer, foods and animal feeds.

8: EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Measures: Ensure adequate ventilation. In case of insufficient ventilation, wear a respirator in compliance with local regulations. Handle in accordance with good industrial hygiene and safety practice.

General Protection: Avoid contact with eyes and skin. While handling the product wear waterproof pants, coat, hat, rubber boots or shoes. 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, waterproof long pants, shoes, 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: 0.9980	Physical State: Liquid	Odour : Characteristic
Colour: Greenish fluorescent	pH: 9.5 to 10.50	Flash Point [°C]: > 100	Solubility in Water: Miscible

10: STABILITY & REACTIVITY

Stability: Stable under normal circumstances. **Conditions to Avoid:** No data available

Hazardous Decomp. Products: The decomposition products may include carbon dioxide and carbon monoxide

Hazardous Reactions: No dangerous reactions known. **Material to Avoid:** Strong oxidizing agents

11: TOXICOLOGICAL INFORMATION

Rat oral LD50 [mg/kg] : No data available	Rat inhalation LC50 [mg/l/4h] : No data available	Skin irritation (rabbit): Irritant
Dermal (rat) LD50 [mg/kg]: No data available	Skin Sensitization (Guinea Pig): Non-sensitizer	Eye irritation (rabbit): Irritant

12: ECOLOGICAL INFORMATION

Ecotoxicity: If used properly, the product is not hazardous to water. However, the product must not be released in great quantities into drains and

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. - **Proper Shipping Name:** -

Land Transport (ADR/RID): Not classified as dangerous goods.

Sea Transport (IMO) (IMDG): Not classified as dangerous goods.

Air Transport (IATA / ICAO): Not classified as dangerous goods.

15: REGULATORY INFORMATION

Risk Phrases: R66 **Safety Phrases:** S 2, S 13, S 23, S 24/25, S 26, S36/39, S 62

16: OTHER INFORMATION

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