Product Name: **HYFER PLUS BLOOM BOOSTER RED**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name/Identifier: **HYFER PLUS BLOOM BOOSTER RED**
Generic Name: **Liquid Foliar Fertilizer**
FPA Registration No: **1-LF-9006**

Manufacturer/Importer/Supplier/Distributor Information
Manufacturer/Supplier AGROTIGER PHILS. CORP.
Bldg 9711 DOST Brgy Paralayunan Mabalacat City
Pampanga 2010

+63 2-7-7453096

Health Hazard; Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.

Physical Hazards **None Anticipated Liquid Red**
Physical Form
Apperance
Odor **Weak pungent odor**

Hazard Rating NFPA 704M/HMIS:

Health	**1 / 1**
Flammibility	**0 / 0**
Reativity	**0 / 0**
Other	**0 / 0**

0 = Significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme

2. HAZARDS IDENTIFICATIONS

POTENTIAL HEALTH EFFECTS;

Eye: **Contact may cause mild eye irritation including stinging, watering, and redness.**

Skin: **Contact may cause mild skin irritation including redness. No harmful effects from skin absorption have been reported.**

Inhalation (Breathing): **No information available**.

Ingestion (Swallowing); **No information available.**

Signs and Symptoms: **Effects of overexposure may include irriation of the nose, throat and digestive tract, headaches, coughing, nausea, vomiting, and transient disorientation**.

Cancer: **Inadequate evidence to evaluate tha cancer hazard of this material**

Target Organs; **No information available.**

Developmental: **Inadequate evidence available for this material.**

Pre-existing Medical Conditions; **No information available.**

3. COMPOSITION / INFORMATION ON INGREDIENTS

No hazardous components were identified per 29 CFP 1910.1200.

Components	% Weights	EXPOSURE GUIDELINE		
		Limits	Agency	Type
Water	41-43%	None Established		
Urea CAS # 7732-18-5	25-27%	None Established		
Diammonium Phosphate CAS # 7783-28-0	20-22%	None Established		
Potassium Chloride CAS # 7447-40-7	12-14%	None Established		
Malachite Green CAS # 569-64-2	0.01%	None EStablished		

Note: State, local or other agencies or advisory groups may have established nmore stringent limits. Consult an industrial hygienist or similar professional, or your local agencies, for further information.

4. FIRST AID MEASURES

Eye: **If irritations or redness develops, move the victim away from exposure and into fresh air. Flush your eyes with clean water. If symptoms persist, seek medical attention.**

Skin: **Remove contaminated shoes and clothing and cleanse the affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.**

Inhalation (Breathing): **If respiratory develops, move the victim away from the source of exposure and into fresh air. If symptoms persist, seek medical attention. If the victim is not breathing, clear the airway and immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.**

5. FIRE-FIGHTING MEASURES

Flammable Properties: Flash Point; **NONE- FLAMMABLE**
OSHA Flammability Class: **Not Applicable**
LEL/EUL: **No data**
Autoignition Temparature : **Not Applicable**

Unusual Fire & Explosion Hazards; **Closed containers exposed to extreme heat can rupture due to pressure buildup.**

Extinguishing Media: **Use extinguishing agents suitable for the type of surrounding fire.**

Fire Fighting Instructions: **For fires beyond the incipient stage, emergency responders in the immediate hazard area should wear bunker gear. When the potential chemical hazard is unknown, in enclosed or confirmed spaces, should be worn. In addition, wear other appropriate protective equipment as conditions warrant. Isolate immediate hazard areas and keep unauthorized personnel out. Stop spill/release if it can be done with minimal risk. Water spray may be useful in minimizing or dispersing vapors. Cool equipment exposed to fire with water, if it can be done with minimal risk.**

6. ACCIDENTAL RELEASE MEASURES

Stop the source of the release if it can be done without risk. Immediately isolate the hazzrd area and restrict access to authorized personnel only. Wear appropiate protective equipment including respiratory protection as conditions warrant. To prevent spilled material from entering sewers, storm drains or natural watercourses, cotain material with a dike or with appropiate absorbent materials such as sand, clay, soil or commercially available absorbent. Place reclaimed liquid and absorbent into recovery or salvage drums for disposal. Refer to section 12 for appropriate disposal.

7. HANDLING AND STORAGE

Handling: **Do not enter confined spaces such as tanks or pits without following proper entry procedures such as ASTM D-4276 and 29CFR 1910.146. The use of appropriate respiratory protection is advised. Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good personal hygiene practices**.

Storage: **Keep container(s) tightly closed. Do not heat or contact with strong oxidizers. Use and store this material in cool, dry, well-ventilated areas. Store only in approved containers. Protect container(s) against physical damage.**

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: **If current ventilation practices are not adequate to minimize exposure, additional ventilation or exhaust systems may be required.**

Personal Protective Equipment (PPE);

Respiratory: **Respiratory protection is not usually required. If significant spray or mist occurs, wear a NIOSH-approved or equivalent dust respirator.**

Skin: **The use of gloves impermeable to the specific material handled is advised to prevent skin contact, possible irritation, and absorption (see glove manufacturer for information on permeability)**

Other Protective Equipment: **A source of clean water should be available in te work area for flushing eyes and skin. Impervious clothing should be worn as needed.**

9. PHYSICAL AND CHEMICAL PROPERTIES

Note: Unless otherwise stated, values are determined at 20 ˚ C (68 ˚ F) and 760 mmHg (1 atm).

Flash Point:	Non Flammable
Flammable/Explosive Limits (%):	Not Applicable
Autoignition Temperature:	Not Applicable
Appearance:	Green Liquid
Odor:	None to Weak Pungent Odor
pH:	6.56 @ 25 ˚ C
Vapor Pressure (mmHg):	No data available
Vapor Density (air=1):	No data available
Aerosol Boiling Point:	No data available
Freezing/Melting Point:	No data available
Solubility in water:	Miscible
Specific FGravity:	1.1345 g/ml
Evaporation Rate (nBuAc = 1):	No data available
Bulk Density:	1.1345 g/ml

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of storage and handling.

Conditions to avoid: None known.

Incompatible Materials: Avoid contact with strong oxidizing agents such as chlorine (bleach), peroxides, chromates, nitric acid, perchlorates, concentrated oxygen, or permanganates. Contact can generate heat, fires, explosions, and release of toxic fumes.

Hazardous Decomposition Products: If involved in a fire, oxides of carbon and nitrogen may be generated; Exposure to heat may generate ammonia fumes.

Hazardous Polymerization: No data available

11. TOXICOLOGICAL INFORMATION

No definitive information available in carcinogenicity, mutagenicity, target organs or developmental toxicity.

12. DISPOSAL CONSIDERATIONS

This material, if discarded as produced, is not a RCRA "listed" or "characteristic" hazardous waste. Use resulting in chemical or physical change or contamination may subject it to regulation as a hazardous waste. Along with properly characterizing all waste materials, consult state and local regulations regarding the proper disposal of this material.

Disposal: **If this product becomes a waste, it does not meet the criteria of a hazardous waste as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. It should be solidified with stabilizing agents such as sand, fly ash, or clay absorbent, so that no free liquid remains before disposal to an industrial waste landfill.**

13. TRANSPORT INFORMATION

Hazard Class or Division: Not classified as hazardous

14. REGULATORY INFORMATION

This product is registered with the Philippine Fertilizer and Pesticide Authority as liquid foliar fertilizer.

15. DOCUMENTARY INFORMATION

Issue Date: November 18, 2022
Previous Issue Date: None

16. DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

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Prepared By:

Lorenzo Fabro
Registered Chemist
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