

Material Safety Data Sheet

J. R. Simplot Company

AgriBusiness

Trade Name: PHT BM 86
Registration No: None

M77343

SECTION 1

CHEMICAL PRODUCT AND COMPANY INFORMATION

Manufactured For: J.R. Simplot Company
PO Box 70013
Boise, ID 83707
Emergency Phone - Chemtrec: 1-800-424-9300

Product Name: PHT BM 86
Common Name: BM 86
Chemical Type: Seaweed Foliar Fertilizer

SECTION 2

COMPOSITION INFORMATION

Chemical Name and Synonyms	C.A.S. No.	Chemical Formula	WT% Hazardous Non-Hazardous	TLV	PEL
Aminoalcohol	not listed	not listed	<20	not listed	not listed
None listed					

SECTION 3

HAZARDS IDENTIFICATION

Ingestion: Minimal hazard under normal conditions and use. Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.

Inhalation: No hazards with normal handling of product.

Eye Contact: No hazards with normal handling of product.

Skin Absorption: Not normally absorbed through the skin.

Skin Contact: No hazards with normal handling of product.

Note: No other information was provided.

SECTION 4

FIRST AID MEASURES

Ingestion: Wash out mouth with water. Keep patient at rest and obtain medical attention at once.

Inhalation: Take the patient to get fresh air. Seek medical attention if discomfort persists.

Eyes: Flush with water for at least 15 minutes. Seek medical attention if discomfort persists.

Skin: Take off dirty clothes. Wash with water. Seek medical attention if discomfort persists.

SECTION 5

FIRE FIGHTING MEASURES

Extinguishing Media: Use multi-purpose dry powder extinguishers.

Special Fire Fighting Procedures: Evacuate the location. Provide for holding contaminated water.

Unusual Fire and Explosion Hazards: Professionals should use a self-contained breathing apparatus.

SECTION 6

ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:
Ensure ventilation. Use gloves. Avoid pouring into drainage system or environment. Avert concerned authorities. In case of spill, absorb the liquid with a neutral absorbent and sweep up. Do not flush with water. Do not reintroduce into original jerrycan. Treat as waste.

SECTION 7

HANDLING AND STORAGE

Precautions to be taken in handling and storing:
Handle carefully to avoid accidental dispersion and spatter. Keep the product in original container. Jerrycans should be labeled and remain closed. Store away from food and farm animals. Do not store below -10°C.

SECTION 8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation Protection: Work in fresh air. Ensure ventilation.

Respiratory Protection: None listed.

Protective Clothing: Use gloves and overalls.

Eye Protection: Safety goggles.

Other: Eye and safety showers available. Wash hands with water after handling the product. Do not eat or drink during the handling.

SECTION 9

PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point:	Not applicable	Solubility in Water:	Soluble in water in all proportions
Relative Density:	1,284 – 1,299	% Volatiles (by volume):	Not listed
Flashpoint:	Non-flammable	Vapor Pressure, mm Hg:	Not applicable
pH:	7.7 – 8.2	Reaction with Water:	Not listed.
Appearance:	Dark green to brown liquid with seaweed particles.	Viscosity:	300 cps
Extinguishing Media:	Use media suitable for extinguishing source of fire.		

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SECTION 10

STABILITY AND REACTIVITY

Stability (Normal Conditions): Stable under normal conditions. Product changes color with time without effect on its properties.
Conditions to Avoid: Oxidizers.
Incompatibility (Material to Avoid): None listed.
Hazardous Decomposition Products: In case of fire, varied oxides (nitrogen, sulfur, carbon)
Hazardous Polymerization: None listed.

SECTION 11

TOXICOLOGY INFORMATION

Oral Way: For information about aminoalcohol, LD50 (rat) = 2000 mg/kg
Skin Contact: No aggravation if contact is not prolonged.
Eye Contact: Diluted product may be aggravant because of basic pH.
Fog and Aerosol Exposition: None listed.
Mammal Experimental Data: For information: in large amount, aminoalcohol can affect reproduction.

SECTION 12

ECOLOGICAL INFORMATION

Damage depends on quantity released and duration of exposure. No data available for preparation.
Aquatic Environment: For information: rainbow trout LC50 = 150 mg B/1
Terrestrial Environment: Preparation is water soluble consequently mobile by lixiviation.

SECTION 13

DISPOSAL CONSIDERATIONS

Waste Disposal Procedures: Avoid waste entering draining system. Keep waste in suitable containers for ulterior treatment. Destroy the packaging according to national or local regulations. Do not reuse packaging.

SECTION 14

TRANSPORT INFORMATION

Shipping name:	Not regulated by DOT	C.A.S. Number:	See "Ingredients"
Hazard Class:	None	D.O.T. Number:	None
Reportable Quantity (RQ):	None	Haz Waste No:	None
Labels Required:	None	EPA Regist No:	None
Placard:	None		

SECTION 15

REGULATORY INFORMATION

Carcinogenicity: by IARC?: Yes () No (X) by NTP?: Yes () No (X)

Not on the SARA 302 list of reportable quantities.

SECTION 16

OTHER INFORMATION

Flash Point (Test Method):	Not applicable	Flammable Limits	LOWER	UPPER
Autoignition Temperature:	Not applicable	(% BY VOLUME)	N/A	N/A

MSDS Version Number: 2

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Reviewed by: Environmental, Health, & Safety Department
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