

KAPI LIMITED

MATERIAL SAFETY AND TECHNICAL DATA SHEET BIO-BOOST FOLIAR FEED

MSDS : Bio-Boost organic forliar feed

Revision: 1.0

Date: 18 March 2014

SECTION 1 : Identification of the material and supplier

Product Name : Bio-Boost

Product Code:

None

Supplier Name:

KAPI LIMITED

Address:

P.O BOX 252-20100, Nakuru, Kenya

Telephone:

051-2217134/2217228

email:

office@kapiltd.co.ke

SECTION 2 : Hazards Identification

GHS Classification:

Classified as benign.

Not classified as Dangerous Goods.

Signal Word:

CAUTION

Hazard Statements:

None

Precautionary Statements:

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do. Continue

rinsing. If eye irritation persists get medical advice.

SECTION 3 : Ingredients Composition/Information

Chemical Identity

CAS Number

Proportion

Croton nut oil

8001-28-3

75%

SECTION 4 : First Aid Measures

If Swallowed:

Rinse mouth with water. Give water to drink. Do not induce vomiting. Seek medical advice quickly.

Irrigate with copious quantities of water for 15 minutes.

Eye:

Seek medical advice quickly.

Inhaled:

Wash contaminated skin with soap and water. Remove Move to fresh air. Seek medical advice if nausea or vomiting occurs.

First Aid Facilities:

Ensure eye bath and safety shower are available and ready for use.

Advice to Doctor:

Treat symptomatically.

SECTION 5 : Fire Fighting Measures

Suitable extinguishing media: Foam, Carbon Dioxide, Dry Chemical, Water Spray

Hazards from combustion products: In the event of fire the following can be released : Carbon monoxide, carbon dioxide, water vapour.

Precautions for fire fighters and special protective equipment: Fire fighters should wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

Hazchem Code: None Allocated

SECTION 6 : Accidental Release Measures

Emergency procedures: Slippery when spilt, clean up immediately. Wear protective equipment to prevent skin and eye damage.

Methods and materials for containment and clean up: Prevent run-off into drains and waterways.

Contain spills with absorbent material such as sand, sawdust or soil. Collect and seal in properly labelled containers for disposal. Dispose of in accordance with all Local and State regulations at an approved waste disposal site. For small spills, wash with plenty of water.

SECTION 7 : Handling and Storage

Precautions for safe handling: Avoid skin and eye contact. Wash hands after using product.

Conditions for safe storage: Store in the closed original container in a cool, well-ventilated area.

Bulk Storage: C2 Combustible liquid

SECTION 8 : Exposure / Personal Protection

National exposure standards: None Allocated.

Biological limit values: None Allocated.

Engineering controls: Ensure adequate ventilation to keep exposure levels to a minimum.

Personal protective equipment: Wear safety glasses or goggles, impermeable gloves (PVC or neoprene) and overalls.

SECTION 9 : Physical and Chemical Properties

Appearance:	Viscous amber liquid	Solubility in Water:	Not soluble not miscible
Boiling Point:	> 230 °C	Flashpoint:	> 250 °C
Pour Point:	< -20 °C	Flammability Limits:	Not Available
Viscosity @ 40 °C:	30.4 mm ² /s	Vapour Pressure:	Not Available
Specific Gravity:	0.92 @ 20 °C		

SECTION 10 : Stability and Reactivity

Chemical stability: Stable under normal conditions of use.

Conditions to avoid: Excessive heat, Fire.

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products: None with proper storage and handling.

Hazardous reactions: No hazardous reactions with proper storage and handling.

SECTION 11 : Toxicological Information

Swallowed:	Ingestion may cause nausea, vomiting or diarrhoea or irritation to the throat and stomach.
Eye Contact:	Irritating. Causes eye irritation, tearing, stinging, blurred vision and redness.
Skin:	Not usually an irritant unless sensitive skin. Repeated exposure may cause drying, redness, itching and irritation.
Inhaled:	Inhalation of vapour or mist may cause irritation of the nose, throat and respiratory system.

SECTION 12 : Ecological Information

Ecotoxicity:	Not toxic, non-poisonous, non hazardous.
Persistence and degradability:	This product is a pure vegetable oil and will eventually degrade.
Mobility:	Product does not disperse easily with water.

SECTION 13 : Disposal Considerations

Disposal Methods: In accordance with local authority regulations, take to special waste incineration plant. If empty containers are recycled or disposed of, they can be cleaned with usual degreasing agents. Special precautions for landfill or incineration: Avoid contaminating waterways.

SECTION 14 : Transport Information

Hazchem Code:	None allocated
Road and Rail Transport:	Not classified as Dangerous Goods.
Marine Transport:	Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.
Air Transport:	Not classified as Dangerous Goods by the criteria of the international Air Transport (IATA) Dangerous Goods Regulations for transport by air.

CONTACT POINT

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Prior to usage each user must review this MSDS in the context of how the product will be handled and used in the workplace. Eco Fuels Kenya Ltd. will not be held responsible for any damage caused by the use of the product otherwise than in accordance with the directions and information contained in this document.