

# KREOBOOST

BOOSTS PLANT'S IMMUNE SYSTEM

## MATERIAL SAFETY DATA SHEET

### 1. PRODUCT & COMPANY IDENTIFICATION

Product name : Kreoboost  
HS Product code : 31.01.00.99  
Product use : Soil Conditioner  
Description : Powder  
Manufacturer : **Hatake Global Sdn Bhd**  
Address : 151, Jalan USJ 12/1, UEP Subang Jaya,  
: 47630, Selangor, Malaysia  
  
Information telephone : +62 21 2908 6896  
  
Date of MSDS Preparation : April 3, 2018

### 2. COMPOSITION & INFORMATION INGREDIENTS

Scientific Name of Microorganism : *Bacillus amyloliquefaciens* D203  
Microbial concentration : More than  $1 \times 10^7$  spores/gram  
Inert ingredients : Identity withheld as a trade secret

### 3. HAZARD IDENTIFICATION

Classification Name : Not established on classification criteria  
Risk : None  
Danger Classification : No applicable

### 4. FIRST AID MEASURES

Eye : Flush with water. Obtain medical attention if irritation develops or persists.  
Skin : Wash with water. Obtain medical attention if irritation develops or persists.  
Inhalation : Seek a place with better air circulation. Seek immediate medical attention.  
Ingestion : Drink a lot of water and spit it. Obtain medical attention.

### 5. FIRE AND EXPLOSION DATA

Common fire fighting procedures : Water spray and fire damper  
Fire fighting equipment : Water, powder, CO<sub>2</sub> gas, and foam  
Self-protection during fire fighting procedures : Fires spread rapidly by wind, avoid inhaling toxic gases, for self-protection wear protective equipment such as gloves, safety eyewear, mask, etc.

### 6. ACCIDENTAL RELEASE MEASURES

In case of spillage on the floor, clean the area with water. Place everything into a closed, labelled container compatible with the product. Dispose the product to the appropriate place.

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## 7. HANDLING AND STORAGE

Handling : The risk is low if applied according to the recommendations. Avoid accidentally swallowed and drank risks. In all cases of doubt, or when symptoms persist, seek medical attention. Wear safety eyewear, mask and dust protective equipment to avoid direct contact with eyes, skin and inhalation area. Recommended to wash hands, face, eyes and gargle right after use.

Storage : : Store in cool dark place

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Controls : None specific  
Permissible Concentration Industry : None established by Japan Health Association.  
Exposure controls for hazardous components : Complete the work area with protective equipment to wash the eyes, hands and gargle.  
Personal protective equipment : Wear suitable protective clothing, gloves are required, dusk mask and safety eyewear.  
Industrial Hygiene : Wash hands and launder clothing after use.  
Maintain the storage and mixing area clean at all times to minimize dust creation. Recommended to wash the working suits before start working.

## 9. PHYSICAL DATA

Physical State : Powder  
Colour : Milky white  
Odour : Not determined  
pH : Not determined  
Physical Change : Not determined  
Specific Temperature : Not determined  
Density Range : Not determined

## 10. REACTIVITY

Conditions of Chemical Instability : Stable in normal use  
Conditions for Reactivity : Not classified as hazardous in normal use Hazardous  
Decomposition Products : None information

## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity (Active ingredient)  
Oral LD50 (Rat) > 2,000 mg/kg  
Dermal LD50 (Rat) > 2,000 mg/kg  
Inhalation LD50 (Rat) > 20 mg/kg

## 12. ECOLOGICAL IMPACT

Fish toxicity (Active ingredient)  
Rice Fish (Medaka) LC50 > 1.0x 10<sup>11</sup> CFU/L (96h)

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## 13. WASTE DISPOSAL

Waste and empty containers should be disposed of without creating dust according to local legislation. Note that national or regional provisions may apply.

## 14. TRANSPORTATION INFORMATION

Domestic transport : Not Classified as dangerous good under transport regulations  
Sea transport : Not Classified as dangerous good under transport regulations  
Air transport IATA/ICAO : Not Classified as dangerous good under transport regulations

## 15. REGULATORY INFORMATION

The preparation does not contain dangerous ingredients. Refer to the regulations of the country of import.

## 16. OTHER INFORMATION

For further information, please contact:

**THINKBIO PTY LTD**

**326 Bronte Road, Waverley NSW 2024 Australia**

Emergency Tel: \_+61 427 003 881

All information and instruction provide in this material safety data sheet (MSDS) are based on the current state scientific and technical knowledge at the date on the present MSDS. We shall not be held responsible for any defect in the product covered by this MSDS should be existence of such defect not be detectable considering the current state of scientific and technical knowledge.