



SAPUTRA

## MATERIAL SAFETY DATA SHEET

ISSUED DATE: OCTOBER 12, 2022

### IDENTIFICATION

#### PRODUCT: ESSENTIAL NUTRIENT FOR PLANT

(For optimizing cell performance)

**Non-hazardous substance, Non-dangerous goods**

### PRODUCT DETAIL

|                       |   |
|-----------------------|---|
| Product Name          | : NUTRISI SAPUTRA TANAMAN, CELLTILIZER VEGETATIVE, GLOGENS CELLTILIZER VEGETATIVE |
| Other Name            | : As above  |
| UN Number             | : Not allocated   |
| Hazchem Code          | : Not allocated   |
| Dangerous Goods Class | : Not allocated   |
| Poison Schedule       | : Not allocated   |
| Use                   | : Crop, horticulture and plantation   |

### PHYSICAL AND CHEMICAL PROPERTIES

|                 |                                    |
|-----------------|------------------------------------|
| Appearance      | : Reddish brown and white material |
| Odour           | : Non-specific odor                |
| Boiling Point   | : Not applicable                   |
| Melting Point   | : Not applicable                   |
| Vapour Pressure | : Not applicable                   |
| Flashpoint      | : Not applicable                   |
| pH              | : 6 – 7                            |



## CONTACT DETAIL

Supplier Name : PT SAPUTRA GLOBAL HARVEST  
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## TOXICOLOGICAL INFORMATION

The preparation is believed not to be toxic. Prolonged skin contact almost not cause irritation

## HAZARD IDENTIFICATION

Essential Nutrient for living organisms especially cell plant, therefore there is no potential hazard

## FIRE AND EXPLOSION DATA

### FIRE HAZARD:

This material may burn, but it does not readily ignite

Special exposure hazard : None  
Protection against fire and explosion : No special requirements  
Extinguishing media : Water spray, regular foam

### FIRE FIGHTING MEDIA AND INSTRUCTIONS:

SMALL FIRE : Use DRY chemical Powder.  
LARGE FIRE : Use water spray, fog or foam.  
Do not use water jet.  
Special Remarks on Fire Hazards : Not available.  
Special Remarks on Explosion Hazards : Not available.

## FIRE AND EXPLOSION DATA

Inhalation : Remove the subject from the source of exposure.  
Eye contact : Rinse with plenty of water. Should irritation occur, seek medical advice  
Ingestion : If large quantities of product area ingested, seek medical attention.  
Skin contact : Wash effected area with water.



## ACCIDENTAL RELEASE MEASURES

- Control Measures : Avoid direct release to environmental media. Contain product for disposal. See environmental precautions.
- Personal Protection : Avoid contact with eyes, and mucous membranes. Protective equipment is not required for cleanup unless product temperature is sufficient to require precautions.
- Environmental Precautions : Dispose of residues in compliance with applicable national, state/provincial, and local regulations.

## HANDLING AND STORAGE

- Handling : Avoid contact with eyes. Keep package closed after using.
- Storage : Store product away from incompatible materials.

## STABILITY AND REACTIVITY

- Condition to avoid : This product is stable under normal conditions temperature, pressure and closed system.
- Materials to avoid : Oxidizing or oxidizing agents.
- Decomposition products : Carbon dioxide
- Dangerous polymerization : Will not occur
- Dangerous reactions : None are known or reasonably foreseeable.

## ECOLOGICAL INFORMATION

Summary:

No information is available about the potential of this product to produce adverse environmental effect.

## DISPOSAL CONSIDERATION

There are no special considerations beyond those normally applied to waste disposal (Local authority regulations)



## TRANSPORT INFORMATION

There are no special requirements for transport (IATA & IMDG: Not regulated as a hazardous material)

## REGULATORY INFORMATION

HMIS (USA)

|             |   |   |
|-------------|---|---|
| Health      | : | 2 |
| Fire Hazard | : | 1 |
| Reactivity  | : | 0 |

## OTHER INFORMATION

The information contained in this Material Safety Data Sheet, as of the issue date, is believed to be true and correct. However, the accuracy or completeness of this information and any recommendations or suggestions are made without warranty or guarantee. Since the conditions of use are beyond the control of our company, it is the responsibility of the user to determine the conditions of safe use of this product. The information in this sheet does not represent analytical specifications, for which please refer to our certificate analysis.