



Safety Data Sheet

SDS No.:
SDS-IM/FG-P/04

Plant Energizer

Revision: 2, 1st Issue

Page 1 of 4

Section 1: Identification of the Hazardous Chemical and of the Supplier

1.1 Product Identifier

Product Name: Plant Energizer
Trade Name: Plant Energizer
Structural Formula: -
Product Category: Plant growth regulator

1.2 Supplier's Information

Address: Agricultural Chemicals (M) Sdn. Bhd.
962, Lorong Perusahaan 8
Taman Perindustrian Perai
13600 Perai, Pulau Pinang
Malaysia
Tel.: +6-04-3907988
Fax: +6-04-3905703
Web: www.agrichem.com.my
Emergency Phone: +6-04-3907988

Section 2: Hazard Identification

Classification: Classified as non hazardous under CLASS Regulations 2013
Pictogram: Not applicable
Signal Word: Not applicable
Hazard Statement: Not applicable
Precautionary Statement: Not applicable

Section 3: Composition and Information of the Ingredients of the Hazardous Chemical

Component	CAS No.	Weight, %	Hazard Code
Inorganic Ionic Active Agent	-	< 2	-
Carrier	7732-18-5	Balance	-

Section 4: First-aid Measures

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Promptly get medical attention.
Skin Contact: Promptly flush well contaminated skin with water or warm water. Contact physician if irritation continues.
Eye Contact: Promptly wash eyes with clean water while lifting the eye lids. Contact physician if irritation continues.
Ingestion: Rinse well mouth with water and get medical attention.



Safety Data Sheet

SDS No.:
SDS-IM/FG-P/04

Plant Energizer

Revision: 2, 1st Issue

Page 2 of 4

Symptoms: No data available

Section 5: Fire-fighting Measures

Suitable Extinguishing Media: Not specified (good to use water spray)
Specific Hazard during Fire: No data available
Special Protective Equipment: Fire fighters should wear full-faced self-contained breathing apparatus and protective clothing
Other Information: Product is not inflammable

Section 6: Accidental Release Measures

Personal Precautions: Use personal protective equipment as required.
Environmental Precautions: Avoid release to the environment.
Method for Cleaning Up: For large spill, stop the flow channel with blankets or soil and vacuum then flush the area with plenty of water. For small spill, absorb with dry materials and flush the area with plenty of water.

Section 7: Handling and Storage

Precautions for Safe Handling: Avoid inhalation and eye and skin contact. Wear gloves, safety goggles and dust respirator are desirable.
Conditions for Safe Storage: Avoid freezing and direct sunlight keeping in cool and dark place.
Incompatibles: No data available.

Section 8: Exposure Control and Personal Protection

Exposure Limit: No data available.
Engineering Control: Provide local exhaust ventilation, eye wash, safety showers, mouthwash, changing room and laundry is desirable.
Personal Protective Equipment:
Eye Protection: Wearing safety goggles are desirable.
Skin Protection: Wearing collared loose-fitting long sleeves shirt (tight cuffs) is desirable. Wearing full-length trousers (tight bottom edges) are desirable.
Respiratory Protection: Wearing a dust respirator is desirable.

Section 9: Physical and Chemical Properties

Appearance: Colourless liquid
Odour: Odourless



Safety Data Sheet

SDS No.:
SDS-IM/FG-P/04

Plant Energizer

Revision: 2, 1st Issue

Page 3 of 4

Odour Threshold:	No data available
pH:	No data available
Melting/Freezing Point:	No data available
Initial Boiling Point:	No data available
Boiling Range:	No data available
Flash Point:	No data available
Evaporation Rate:	No data available
Flammability:	Not inflammable
Upper Flammability Limit:	No data available
Lower Flammability Limit:	No data available
Vapour Pressure:	No data available
Vapour Density:	No data available
Relative Density:	1.0
Solubility in Water:	Soluble
Partition Coefficient P _{o/w} :	No data available
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity:	1.5 cPs
Surface Tension:	78.5 dyne/cm

Section 10: Stability and Reactivity

Reactivity:	Low reactivity
Chemical Stability:	Very stable
Hazardous Reaction:	No data available
Condition to Avoid:	No data available
Incompatible Material:	No data available
Hazardous Decomposition Product:	No data available

Section 11: Toxicological Information


11.1 Acute Toxicity

Acute Toxicity, LD ₅₀ :	≥ 2,000 mg/kg
------------------------------------	---------------

11.2 Chronic Effect from Short and Long Term Exposure

Skin Corrosion:	No
Irritation (Skin/eye):	No irritation
Sensitization (Maximization test):	Negative
Mutagenicity (microorganism, chromosomal abnormality) (Ames test):	Negative

Carcinogenicity:	No data available.
Teratogenicity:	No data available.
Skin contact:	No data available.
Eye contact:	No data available.

	Safety Data Sheet	SDS No.: SDS-IM/FG-P/04
	Plant Energizer	Revision: 2, 1 st Issue
		Page 4 of 4

11.3 Symptoms No data available.

Section 12: Ecological Information

Ecotoxicity: No data available
 Persistence and Degradability: No data available
 Bioaccumulative Potential: No data available
 Mobility in Soil: No data available

Section 13: Disposal Information

Waste shall be disposed after coagulation settling and/or activated sludge treatment according to the local/national regulations.

Section 14: Transportation Information

Land (ADR/RID)	Not regulated
Sea (IMDG)	Not regulated
Air (IATA)	Not regulated

Prior to transport, check the containers and loading to prevent leakage or turnover, fall and damages.

Section 15: Regulatory Information

Classification: Classified as non hazardous under CLASS Regulations 2013
 Signal Word: Not applicable
 Pictogram: Not applicable

Pesticides Act:
 Classification: Not applicable

Section 16: Other Information

Date of Preparation: 20 October 2015
 Date of Revision: 17 November 2016
 Reference Document: ICOP on Chemicals Classification and Hazard Communication 2014
 GHS Purple Book

Disclaimer: To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein.