



Safety Data Sheet

SDS No.:
SDS-IM/FG-C/01

Chiyoda Kasei

Revision: 1, 1st Issue

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

1.1 Product Identifier

Product Name: NPK Compound Fertilizer
Trade Name: Chiyoda Kasei
Active Ingredient: Nitrogen, Phosphate, Potassium, Sulphate compounds
CAS No.(AI): Please refer Section 3
Structural Formula: -
Recommended Usage: Plant nutrition

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: Not classified as hazardous under CLASS Regulation 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
Diammonium Phosphate	7783-28-0	~ 34%	Not classified
Ammonium Sulphate	7783-20-2	~45%	Not classified
Potassium Sulphate	7778-80-5	~21%	Not classified

Section 4: First-aid Measures

Call a POISON CENTER or doctor/physician if you feel unwell.



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Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Seek medical advice if symptoms persist.
Skin Contact:	Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.
Eye Contact:	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/attention.
Ingestion:	DO NOT induce vomiting unless the person is conscious. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.
Symptoms:	No data available
Notes to Physician:	Symptomatic treatment is advised.

Section 5: Fire-fighting Measures

Suitable Extinguishing Media:	Carbon dioxide (CO ₂), dry chemical Big fire: foam, water spray
Specific Hazard During Fire:	Hazardous gas such as ammonia gas might be produced.
Special Protective Equipment:	Fire fighters should wear full-faced self-contained breathing apparatus and protective clothing.
Other Information:	Water used to extinguish a fire should not be allowed to enter the drainage system or watercourses.

Section 6: Accidental Release Measures

Personal Precautions:	Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.
Environmental Precautions:	Avoid release to the environment.
Method for Cleaning Up:	Wear protective clothing as indicated in Section 8. Absorb spills with inert material such as clay, sand, earth, sawdust etc. and collect in a drum. Cover up the contaminated area with household detergent and small amount of water. Brush the slurry and spread inert absorbents on the slurry liquid and collect the absorbed material in a drum. Seal drum and dispose of. Do not contaminate water resources.

Section 7: Handling and Storage

Precautions for Safe Handling:	Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not eat, drink or smoke when using this product. Avoid release to the environment.
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Conditions for Safe Storage: Store in a well ventilated place. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Keep container tightly closed.

Incompatibles: No data available

Section 8: Exposure Control and Personal Protection

Exposure Limit: No data available

Engineering Control: General ventilation or local exhaust ventilation

Individual Protection Measure: Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

Personal Protective Equipment:

Eye Protection: Protective goggles

Skin Protection: Rubber gloves

Respiratory Protection: Face mask

Section 9: Physical and Chemical Properties

Appearance: White grayish granule

Odour: Odourless

Odour Threshold: No data

pH: No data

Melting/Freezing Point: No data

Initial Boiling Point: No data

Boiling Range: No data

Flash Point: Not combustible

Evaporation Rate: No data

Flammability: No data

Upper Flammability Limit: No data

Lower Flammability Limit: No data

Vapour Pressure: Not data

Vapour Density: No data

Relative Density: 0.5

Solubility in Water: Soluble in water

Partition Coefficient $P_{o/w}$: No data

Auto-ignition Temperature: No data

Decomposition Temperature: No data

Viscosity: No data

Section 10: Stability and Reactivity

Reactivity: Thermal decomposition evolves Ammonia gas.

Chemical Stability: The material is stable under normal storage condition

Hazardous Reaction: No data



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Condition to Avoid: Direct sunlight, extreme temperature, high humidity
Incompatible Material: No data available
Hazardous Decomposition Product: Ammonia gas upon combustion

Section 11: Toxicological Information

11.1 Acute Toxicity No data available.

11.2 Chronic Effect from Short and Long Term Exposure

Skin Contact: No data available
Eye Contact: No data available
Inhalation: No data available
Skin Sensitization: No data available
Ingestion: No data available
Carcinogenicity: No data available
Mutagenicity: No data available
Teratogenicity: No data available

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
Other Adverse Effect: No data available

Section 13: Disposal Information

Dispose of contents/container to Kualiti Alam / authorized body by DOE.



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Section 14: Transportation Information

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

Classification: Not classified as hazardous under CLASS Regulation 2013

Pictogram: Not applicable

Signal Word: Not applicable

Pesticides Act:

Classification: Not applicable

Section 16: Other Information

Date of Preparation: 20 January 2016

Date of Revision: 17 November 2016

Reference Document: ICOP on Chemicals Classification and Hazard Communication 2014
GHS Purple Book
MSDS