
MATERIAL SAFETY DATA SHEET

1. PRODUCT AND COMPANY DATA

Product Name: Cationic Polymer NP-05

Supplied By : Nippon Intertrade Co.,Ltd.

Address: 58 Soi Suksawat 31/1, Suksawat Road, Rajburana, Rajburana, Bangkok 10140

Website: <https://www.npitrade.com>

Email: sales@npitrade.com

2. HAZARDS

*** No Hazardous Ingredients**

Static charges generated by emptying package in or near flammable vapours may cause flash fire.

May form flammable dust-air mixtures.

May cause eye irritation by mechanical abrasion.

May cause skin irritation by mechanical abrasion.

Inhalation may cause respiratory tract irritation.

3. FIRST MEASURE

*** Eyes** May cause slight irritation. Wash immediately with plenty of low-pressure water for at least 10 minutes.

*** Ingestion** Do NOT induce vomiting. Get immediate medical attention

*** Skin** Wash thoroughly with soap and water. Get medical attention if irritation develops or persists.

*** Inhalation** Remove to fresh air. Get medical attention if nasal, throat or lung irritation develops.

*** Physical Effects** Flammable dust clouds may be formed in contact with Air. Keep away from ignition sources. Very slippery when wet.

4.FIRE FIGHTING MEASURES

***Extinguishing media** Foam, dry powder or carbon dioxide. Avoid water if possible as the product is slippery when wet.

***Fire Fighting**

Equipment Chemical protection suit and self- contained breathing Apparatus.

***Dust** Dust may be explosive if mixed with air and in the presence of an ignition source. Avoid these circumstances.

5. ACCIDENTAL RELEASE MEASURE

***Personal precautions** Avoid dusting and contact with skin and eyes. Use of a dust mask when handling the product.

***Spillages** Sweep up and dispose of in a dry environment area finally clearing the area by hosing with water. Spilled product , which becomes wet is very slippery and should be treated with sand prior to disposal.

6.HANDLING AND STORAGE

***Handling** Minimise dusting of product.

***Storage** Store the powder in cool, dry conditions avoiding humid and wet areas.

7.EXPOSURE CONTROL

*** Ensure** adequate ventilation in confined areas and where dusting is a problem ensure adequate exhaust facilities are provided.

8. Personal Protection Equipment

*** Respiratory** If dusting is a problem wear an effective facemask with a particle filter.

- * **Eye** Use of goggles.
- * **Hand** Plastic gloves.
- * **Skin/Body** Lightweight protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

- * **Colour** White.
- * **Appearance** White Granular solid.
- * **Specific Gravity** Approx 0.70g/cm³.
- * **Odour** None.
- * **PH 1% solution** 6 to 8
- * **Boiling Point** Not applicable.
- * **Melting Point** Not available.
- * **Flash Point** Not available.
- * **Vapour Pressure** Not applicable.
- * **Flammability** Not available.
- * **Auto ignition** temperature Not available.
- * **Water Solubility** Produces a highly viscous solution.

10. STABILITY AND REACTIVITY

- * **Stability** Stable at ambient temperature.
- * **Conditions** to avoid None.
- * **Materials** to avoid Avoid contact with oxidising agents.
- * **Hazardous decomposition products** Carbon monoxide, carbon dioxide, ammonia.

11.Toxicological Information

- * Not list as a carcinogen by NTP. Not regulated as a carcinogen by OSHA. Not evaluated by IARC.
- * Oral LD 45 (rat) >5000mg/kg.
- * No human toxicity studies have been carried out with this product. Due to the physical nature of this material, may cause eye, skin and respiratory irritation.

12.ECOLOGICAL INFORMATION

- * 96hr LC 50(fish) >1000mg/l.

13.DISPOSAL

- * Local and national regulations should be followed.

14.TRANSPORT

- *Not classified as dangerous in any form of transportation.

15.REGULATORY LABELLING INFORMATION

- * **Hazard Symbols** None.
- * **Risk Phrases** None.
- * **Safety Phrases** None.

16.OTHER INFORMATION

- * Materials that in themselves are normally stable, even under fire exposure conditions