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SECTION 1: Identification of the substance/mixture and of the company

Product Code: PowerStab™ 944

Product name:
Poly[[6-[(1,1,3,3-tetramethylbutyl)amino]-1,3,5-triazine-2,4-diyl][(2,2,6,6-tetramethyl-4-piperidiny)imino]-1,6-hexanediyl][(2,2,6,6-tetramethyl-4-piperidiny)imino]]

Manufacturer: Tintoll Performance Materials Co.,Ltd.

Post Address: A703, No.50 Jialingjiang East St, Nanjing, China
Email: SDS@TinToll.com

Emergency Telephone Number: +86-25-8468-0091

Use of Substance: For Industrial Use

SECTION 2: Hazardous identification**Risk advice to man and the environment:**

The product does not need to be labelled in accordance with EC directives or respective national laws. In case of occurrence of dust, risk of dust explosion.

SECTION 3: Composition/information on ingredients

CAS Number	Content (Weight)	Chemical name
70624-18-9	100.0 %	1,6-Hexanediamine, N,N'-bis(2,2,6,6-tetramethyl-4-piperidiny)-, polymer with 2,4,6-trichloro-1,3,5-triazine, reaction

SECTION 4: First aid measures**Description of first aid measures****General advice:**

Remove contaminated clothing.

If inhaled:

Remove to fresh air, if not breathing give artificial respiration. If breathing is difficult, give oxygen and get immediate medical attention.

If on skin:

After contact with skin, wash immediately with plenty of water and soap.

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Get medical attention if irritation occurs.

If in eyes:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

If swallowed:

If conscious, make the victim drink the following: Drink 1 or 2 glasses of water.

Get medical attention immediately.

SECTION 5: Firefighting measures**Suitable extinguishing media:**

All conventional media are suitable.

Hazardous combustion products:

nitrogen oxides (NOx), Carbon dioxide (CO₂), Carbon monoxide

Thermal decomposition:

>350 °C

Further information:

In the event of fire, wear self-contained breathing apparatus.

Wear personal protective equipment.

Specific hazards during fire fighting:

Burning produces noxious and toxic fumes.

Thermal decomposition can lead to release of irritating gases and vapours.

Combustible dust

May form explosive dust-air mixture.

SECTION 6: Accidental release measures**Personal precautions:**

For personal protection see section 8.

Environmental precautions:

Avoid release to the environment.

Additional advice:

Remove all sources of ignition.

Use personal protective equipment.

Sweep up and shovel into suitable containers for disposal.

Keep in properly labelled containers.

Use only non-sparking tools.

Avoid creating dust.

SECTION 7: Handling and storage**Precautions for safe handling:**

- Use personal protective equipment as required.
- Avoid contact with skin, eyes and clothing.
- Avoid breathing dust.
- Avoid repeated exposure.
- Avoid prolonged contact.
- Prevent buildup of static electricity.
- Keep away from heat, sparks and flame.
- Ensure all equipment is electrically grounded before beginning transfer operations.
- Avoid creating dust.

Storage:**Requirements for storage areas and containers:**

- Keep in a dry, cool and well-ventilated place.
- Keep away from heat and sources of ignition.
- Keep container tightly closed.
- polyethylene containers
- Incompatible with strong acids and bases.

Other data:

- Stable under recommended storage conditions.

SECTION 8: Exposure Controls/Personal Protection**Engineering measures:**

- Use with local exhaust ventilation.
- Adequate general ventilation is recommended when handling to control airborne levels.
- Use mechanical ventilation for general area control.

Personal protective equipment**Respiratory protection:**

- In the case of dust or aerosol formation use respirator with an approved filter.
- Respirator with a dust filter

Hand protection:

- Wear chemical resistant gloves and protective clothing.

Eye protection:

- Wear safety goggles (chemical goggles) if there is potential for airborne dust exposures.

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General safety and hygiene measures:

Wash thoroughly after handling.

Wash contaminated clothing before reuse.

SECTION 9: Physical and Chemical Properties

Form	Granules, Pellets or Poeder
Colour	white to light yellow
Odour	odourless
PH value	6.8
Flash Point:	>160 °C
Melting point	100-135 °C
Ignition temperature	390 °C
	Remarks: Auto-flammability, BAM
Vapour pressure:	~ 5E-12 mmHg at 25 degrees C
Solubility in water:	< 0.0011 g/l (20 °C)
Specific Gravity:	1.01

SECTION 10: Stability And Reactivity

Conditions to avoid:

High temperatures. Direct sources of heat. Open flame. Static electricity. Ignition sources.

Substances to avoid:

strong oxidizing agents, strong acids, strong bases

Hazardous reactions:

nitrogen oxides (NOx), Carbon dioxide (CO2), Carbon monoxide

Thermal decomposition:

>350 °C

Hazardous reactions:

Polymerization

Note:

Stable under recommended storage conditions.

SECTION 11: Toxicological Information

Acute Oral toxicity:

LD50 / oral / rat: > 2,000 mg/kg

Dermal:

LD50 / dermal / rat: > 3,000 mg/kg

Irritation / corrosion**Skin:**

Species: rabbit

Result: No skin irritation

Eye:

Species: rabbit

Result: Eye irritation

Sensitization:

Species: guinea pig

Result: Non-sensitizing.

Genotoxicity in vitro:

Ames test

negative

As with all dusts, inhalation of air concentration levels above the PNOR may cause irritation and adverse lung effects.

SECTION 12: Ecological Effects**Fish:**

Acute:

LC50

Species: *Oncorhynchus mykiss* (rainbow trout)

Concentration: 0.35 ppm

Exposure time: 96 h

LC50

Species: *Lepomis macrochirus* (Bluegill)

Concentration: 0.59 ppm

Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates:

EC50

Species: *Daphnia magna* (Water flea)

Concentration: 55 ppm

Exposure time: 24 h

Toxicity to algae:

EC50

Species: Algae

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Dose: > 100.00 mg/l

Exposure time: 72 h

Toxicity to bacteria

IC20

Species: Bacteria

Dose: > 100.00 mg/l

IC50

Species: Bacteria

Dose: > 100.00 mg/l

IC80

Species: Bacteria

Dose: > 100.00 mg/l

SECTION 13: Disposal considerations

Waste disposal of substance:

Dispose of waste material in compliance with all federal, state, and local regulations.

Dispose of wastes in an approved waste disposal facility.

SECTION 14: Transport Information

ADR	Not dangerous goods
IATA	Not dangerous goods
IMDG	Not dangerous goods
RID	Not dangerous goods

SECTION 15: Regulatory Information

Labelling according to EC Directives

1999/45/EC

The product does not need to be labelled in accordance with EC directives or respective national laws.

The components of this product are reported in the following inventories:

REACH	y (positive listing)
TSCA	y (positive listing)
DSL	y (positive listing)
AICS	y (positive listing)



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ENCS y (positive listing)

IECSC y (positive listing)

SECTION 16:Other Information

Any other precaution

The information herein is made based on references, information and data available at present. It maybe revised when new information is available.

The descriptions herein are for normal handling. For special application , make safety provisions suitable to them prior to use.