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

**Product Code:** PowerStab™ 123  
**Product name:** Bis(1-octyloxy-2,2,6,6-tetramethyl-4-piperidyl) sebacate  
**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****Classification of the substance or mixture**

According to Regulation (EC) No1272/2008

Chronic aquatic toxicity (Category 4)

This substance is not classified as dangerous according to Directive 67/548/EEC.

**Label elements**

Pictogram none  
Signal word none  
Hazard statement(s)  
H413 May cause long lasting harmful effects to aquatic life.  
Precautionary statement(s) none  
**Other hazards -** none

**SECTION 3: Composition/information on ingredients****Substances**

Formula :  $C_{44}H_{84}N_2O_6$   
Molecular Weight : 737.15 g/mol  
CAS-No. : 129757-67-1  
EC-No. : -  
Classification: Aquatic Chronic 4; H413

For the full text of the H-Statements mentioned in this Section, see Section 16.

**SECTION 4: First aid measures**

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**Description of first aid measures****General advice**

Consult a physician. Show this safety data sheet to the doctor in attendance.

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water.

Consult a physician.

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

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

**Further information**

no data available

**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods and materials for containment and cleaning up**

Keep in suitable, closed containers for disposal.

**SECTION 7: Handling and storage**

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**Precautions for safe handling**

Normal measures for preventive fire protection.

**Conditions for safe storage**

Keep container tightly closed in a dry and well-ventilated place. Store in cool place.

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

Contains no substances with occupational exposure limit values.

**Personal protective equipment****Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Body Protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Respiratory protection**

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Hygiene measures**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**SECTION 9: Physical and Chemical Properties**

Form	viscous
Colour	light yellow
Odour	No data available
Odour Threshold	No data available
pH value	No data available

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Melting point	No data available
Boiling point	376 °C at 1,013 hPa
Flash Point	110 °C - closed cup
Density	1.028 g/cm <sup>3</sup> at 25 °C
Partitioning coefficient noctanol/water (log Pow):5	
Viscosity, dynamic	No data available
Explosive properties	No data available

### SECTION 10: Stability And Reactivity

#### Chemical stability

Stable under recommended storage conditions.

#### Conditions to avoid

no data available

#### Materials to avoid

Strong oxidizing agents Strong oxidizing agents, Strong acids, Strong bases

#### Hazardous decomposition products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx)

### SECTION 11: Toxicological Information

#### Information on toxicological effects

##### Acute toxicity

no data available

##### Skin corrosion/irritation

no data available

##### Serious eye damage/eye irritation

no data available

##### Respiratory or skin sensitisation

no data available

##### Germ cell mutagenicity

no data available

##### Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

##### Reproductive toxicity

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no data available

**Specific target organ toxicity - single exposure**

no data available

**Specific target organ toxicity - repeated exposure**

no data available

**Aspiration hazard**

no data available

**Potential health effects**

**Inhalation** May be harmful if inhaled. May cause respiratory tract irritation.

**Ingestion** May be harmful if swallowed.

**Skin** May be harmful if absorbed through skin. May cause skin irritation.

**Eyes** May cause eye irritation.

**Signs and Symptoms of Exposure**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

**Additional Information**

RTECS: Not available

### SECTION 12: Ecological Effects

**Toxicity**

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**Results of PBT and vPvB assessment**

no data available

**Other adverse effects**

no data available

### SECTION 13: Disposal considerations

**Waste disposal of substance:**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

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**Contaminated packaging:**

Dispose of as unused product.

### SECTION 14: Transport Information

**ADR/RID**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

### SECTION 15: Regulatory Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

### SECTION 16: Other Information

**Text of H-code(s) and R-phrases mentioned in Section 3**

Aquatic                      Chronic Chronic aquatic toxicity

H413                         May cause long lasting harmful effects to aquatic life.

**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.