

# SAFETY DATA SHEET

Revision Date 27-Jan-2011

Revision Number 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product Identifier

**Product Description:** 5,10,15,20-Tetrakis(4-(trimethylammonio)-phenyl)-21H,23H-porphine tetratosylate  
**Cat No.** 318810000; 318810250

### Relevant identified uses of the substance or mixture and uses advised against

**Recommended Use** Laboratory chemicals  
**Uses advised against** No Information available

### Details of the supplier of the safety data sheet

#### Company

Acros Organics BVBA  
Janssen Pharmaceuticaaan 3a  
2440 Geel, Belgium

**E-mail address** begel.sdsdesk@thermofisher.com

#### Emergency Telephone Number

For information in the US, call: 001-800-ACROS-01  
For information in Europe, call: +32 14 57 52 11

Emergency Number, Europe: +32 14 57 52 99  
Emergency Number, US: 001-201-796-7100

CHEMTREC Phone Number, US: 001-800-424-9300  
CHEMTREC Phone Number, Europe: 001-703-527-3887

## 2. HAZARDS IDENTIFICATION

### Classification of the substance or mixture

**REGULATION (EC) No 1272/2008**

Not hazardous

### Classification according to EU Directives 67/548/EEC or 1999/45/EC

For the full text of the R phrases mentioned in this Section, see Section 16

**R -phrase(s)** none

### Label Elements

**Signal Word** None

**Hazard Statements**

### Other Hazards

No information available.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component                                                                                     | EC No. | Weight % | CAS-No     | Classification | GHSCLAS | REACH Reg. No. |
|-----------------------------------------------------------------------------------------------|--------|----------|------------|----------------|---------|----------------|
| 5,10,15,20-Tetrakis(4-(trimethylammonio)-phenyl)-21H,23H-porphine tetratosylate<br>69458-20-4 |        | 95       | 69458-20-4 | -              | -       | -              |

For the full text of the R phrases mentioned in this Section, see Section 16

### 4. FIRST AID MEASURES

#### Description of first aid measures

##### **Eye Contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes Obtain medical attention

##### **Skin Contact**

Wash off immediately with soap and plenty of water removing all contaminated clothes and shoes Obtain medical attention

##### **Ingestion**

Clean mouth with water Get medical attention

##### **Inhalation**

Remove from exposure, lie down Move to fresh air If breathing is difficult, give oxygen If not breathing, give artificial respiration Obtain medical attention

##### **Notes to Physician**

Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

#### Extinguishing media

##### **Suitable Extinguishing Media**

Water spray Carbon dioxide (CO<sub>2</sub>) Dry chemical chemical foam

##### **Extinguishing media which must not be used for safety reasons**

No information available.

#### Special hazards arising from the substance or mixture

Thermal decomposition can lead to release of irritating gases and vapors

#### Advice for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation

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#### Environmental precautions

Prevent further leakage or spillage if safe to do so

#### Methods and material for containment and cleaning up

Sweep up or vacuum up spillage and collect in suitable container for disposal.

## 7. HANDLING AND STORAGE

#### Precautions for Safe Handling

Avoid contact with skin and eyes Do not breathe dust Do not breathe vapors or spray mist

#### Conditions for safe storage, including any incompatibilities

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

#### Specific End Uses

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Control parameters

##### **Exposure limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

##### **Derived No Effect Level (DNEL)**

No information available.

##### **Predicted No Effect Concentration (PNEC)**

No information available.

#### Exposure controls

##### **Engineering Measures**

Ensure adequate ventilation, especially in confined areas

##### **Personal protective equipment**

###### **Eye Protection**

Goggles

###### **Hand Protection**

Protective gloves

###### **Skin and body protection**

Wear appropriate protective gloves and clothing to prevent skin exposure

###### **Respiratory Protection**

Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice

#### Environmental exposure controls

No information available.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

#### **Physical State**

Powder, Solid

#### **Appearance**

Purple

#### **pH**

No information available.

#### **Boiling Point/Range**

No information available.

#### **Melting Point/Range**

152 - 155°C / 305.6 - 311°F

#### **Flash Point**

No information available.

#### **Autoignition Temperature**

No information available.

#### **Water Solubility**

Insoluble

#### **Molecular Formula**

C<sub>56</sub> H<sub>62</sub> N<sub>8</sub> . 4 C<sub>7</sub> H<sub>7</sub> O<sub>3</sub> S

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight 1531.96

## 10. STABILITY AND REACTIVITY

### Reactivity

#### Chemical Stability

Stable.

### Possibility of Hazardous Reactions

#### Hazardous Polymerization

Hazardous polymerization does not occur.

#### Hazardous Reactions .

No information available.

### Conditions to Avoid

Incompatible products.

### Incompatible Materials

#### Hazardous Decomposition Products

Nitrogen oxides (NOx). Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Sulfur oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects

#### Acute Toxicity

##### **Product Information**

No acute toxicity information is available for this product

##### **Component Information**

#### Chronic Toxicity

##### **Carcinogenicity**

There are no known carcinogenic chemicals in this product

##### **Sensitization**

No information available.

##### **Mutagenic Effects**

No information available

##### **Reproductive Effects**

No information available.

##### **Developmental Effects**

No information available.

##### **Target Organs**

No information available.

##### **Other Adverse Effects**

The toxicological properties have not been fully investigated.

##### **Endocrine Disruptor Information**

None known

## 12. ECOLOGICAL INFORMATION

### Toxicity

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## 12. ECOLOGICAL INFORMATION

**Ecotoxicity effects** Contains no substances known to be hazardous to the environment or that are not degradable in waste water treatment plants

**Persistence and degradability**

No information available

**Bioaccumulative potential**

No information available.

**Mobility in soil**

No information available.

**Results of PBT and vPvB assessment**

**Other adverse effects**

No information available

## 13. DISPOSAL CONSIDERATIONS

**Waste treatment methods**

**Waste from Residues / Unused  
Products**

Dispose of in accordance with local regulations

**Contaminated Packaging**

Empty containers should be taken for local recycling, recovery or waste disposal

## 14. TRANSPORT INFORMATION

**IMDG/IMO**

Not regulated

**ADR**

Not regulated

**IATA**

Not regulated

## 15. REGULATORY INFORMATION

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**International Inventories**

**Legend**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**EINECS/ELINCS** - European Inventory Lists

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**CHINA** - China Inventory of Existing Chemical Substances

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**AICS** - Inventory of Chemical Substances  
**KECL** - Existing and Evaluated Chemical Substances

## Chemical Safety Assessment

### 16. OTHER INFORMATION

#### Text of R phrases mentioned in Section 2-3

No information available.

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Revision Summary Not applicable

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

#### Disclaimer

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End of Safety Data Sheet