

# Safety Data Sheet

Issuing date no data available

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Version 1

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1 Product identifier

Product Code(s) AB142444

Product name Mastoparan

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

Recommended use For research use only

Uses advised against No information available

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

#### Supplier

Abcam plc  
330 Cambridge Science Park  
Cambridge  
CB4 0FL  
UK  
Tel: +44 (0)1223 696000  
Fax: +44 (0)1223 215215

For further information, please contact: [technical@abcam.com](mailto:technical@abcam.com)

### 1.4 Emergency telephone number

Emergency telephone - Tel: +44 (0)1223 696000 (08.00-17.00)

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

GHS / CLP - REGULATION (EC) No 1272/2008

DSD / DPD - 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*

**Caution - substance not yet tested completely**

According to present data no classification and labelling is required according to Directives 67/548/EEC or 1999/45/EC

### 2.2 Label elements

Not dangerous

**Precautionary Statements - EU (§28, 1272/2008)**

P280 - Wear protective gloves/ protective clothing

**2.3 Other information**

Caution - substance not yet tested completely

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**3.1 Substances**

| Chemical Name | EC-No | CAS-No     | Weight % | Classification (67/548) | Classification (Reg. 1272/2008) | REACH Registration Number |
|---------------|-------|------------|----------|-------------------------|---------------------------------|---------------------------|
| Mastoparan    | -     | 72093-21-1 | 100      |                         |                                 | no data available         |

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

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

### 4. FIRST AID MEASURES

**4.1 Description of first aid measures**

|                     |  |
|---------------------|--|
| <b>Eye contact</b>  | Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. |
| <b>Skin contact</b> | Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.                                    |
| <b>Ingestion</b>    | Clean mouth with water. Drink plenty of water.   |
| <b>Inhalation</b>   | Move to fresh air.   |

**4.2 Most important symptoms and effects, both acute and delayed**

**Main symptoms** No information available.

**4.3 Indication of any immediate medical attention and special treatment needed**

**Notes to physician** Treat symptomatically.

### 5. FIRE-FIGHTING MEASURES

**5.1 Extinguishing media**

**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Extinguishing media which shall not be used for safety reasons**

No information available.

**5.2 Special hazards arising from the substance or mixture**

**Special hazard**

Thermal decomposition can lead to release of toxic and corrosive gases/vapors.

**5.3 Advice for fire-fighters****Special protective equipment for fire-fighters**

As in any fire, wear self-contained breathing apparatus and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation.

Refer to protective measures listed in sections 7 and 8.

**6.2 Environmental precautions**

Prevent further leakage or spillage if safe to do so.

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

Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulations (see Section 13).

## 7. HANDLING AND STORAGE

**7.1 Precautions for safe handling**

Ensure adequate ventilation.

**7.2 Conditions for safe storage, including any incompatibilities**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Keep in properly labeled containers.

**7.3 Specific end uses**

|                          |                           |
|--------------------------|---------------------------|
| <b>Specific use(s)</b>   | No information available. |
| <b>Exposure scenario</b> | No information available. |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**8.1 Control parameters**

|                        |                                       |
|------------------------|---------------------------------------|
| <b>Exposure limits</b> | National occupational exposure limits |
|------------------------|---------------------------------------|

|                                |                          |
|--------------------------------|--------------------------|
| <b>Derived No Effect Level</b> | No information available |
|--------------------------------|--------------------------|

|  |                          |
|--|--------------------------|
| <b>Predicted No Effect Concentration</b> | No information available |
|--|--------------------------|

**8.2 Exposure controls**

|                             |  |
|-----------------------------|--|
| <b>Engineering measures</b> | Ensure adequate ventilation, especially in confined areas. |
|-----------------------------|--|

**Personal protective equipment**

|                        |                                   |
|------------------------|-----------------------------------|
| <b>Eye protection</b>  | Safety glasses with side-shields. |
| <b>Hand protection</b> | Protective gloves.                |

|  |   |
|--|---|
| <b>Skin and body protection</b>        | Long sleeved clothing.  |
| <b>Respiratory protection</b>          | No special protective equipment required.   |
| <b>Thermal hazards</b>                 | No information available  |
| <b>Hygiene measures</b>                | When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Provide regular cleaning of equipment, work area and clothing. |
| <b>Environmental exposure controls</b> | Do not allow material to contaminate ground water system.   |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

|                             |                          |                   |                          |
|-----------------------------|--------------------------|-------------------|--------------------------|
| <b>Physical State @20°C</b> | No information available | <b>Appearance</b> | No information available |
| <b>Odor</b>                 | No information available |                   |                          |

| <u>Property</u>                               | <u>Values</u>            | <u>Note</u> |
|---|--------------------------|-------------|
| <b>pH</b>                                     | No information available |             |
| <b>Melting/freezing point</b>                 | No information available |             |
| <b>Boiling point/boiling range</b>            | No information available |             |
| <b>Flash Point</b>                            | No information available |             |
| <b>Evaporation rate</b>                       | No information available |             |
| <b>Flammability (solid, gas)</b>              | No information available |             |
| <b>Flammability Limits in Air</b>             |                          |             |
| upper flammability limit                      |                          |             |
| lower flammability limit                      |                          |             |
| <b>Vapor pressure</b>                         | No information available |             |
| <b>Vapor density</b>                          | No information available |             |
| <b>Relative density</b>                       | No information available |             |
| <b>Water solubility</b>                       | Soluble in water         |             |
| <b>Solubility in other solvents</b>           | No information available |             |
| <b>Partition coefficient: n-octanol/water</b> | No information available |             |
| <b>Autoignition temperature</b>               | No information available |             |
| <b>Decomposition temperature</b>              | No information available |             |
| <b>Viscosity, kinematic</b>                   | No information available |             |
| <b>Explosive properties</b>                   | No information available |             |

### 9.2 Other information

|                       |                          |
|-----------------------|--------------------------|
| <b>VOC Content(%)</b> | No information available |
|-----------------------|--------------------------|

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Precautionary Statements

None under normal processing.

### 10.4 Conditions to avoid

Heat, flames and sparks

**10.5 Incompatible materials**

None in particular

**10.6 Hazardous decomposition products**

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Nitrogen oxides (NO<sub>x</sub>).

**11. TOXICOLOGICAL INFORMATION****11.1 Information on toxicological effects****Acute toxicity****Product Information**

Product does not present an acute toxicity hazard based on known or supplied information.

**Inhalation**

There is no data available for this product.

**Eye contact**

There is no data available for this product.

**Skin contact**

There is no data available for this product.

**Ingestion**

There is no data available for this product.

**Chronic toxicity****Corrosivity**

No information available.

**Sensitization**

No information available.

**Neurological effects**

No information available.

**Reproductive toxicity**

No information available.

**Mutagenic effects**

No information available.

**Target Organ Effects**

No information available.

**12. ECOLOGICAL INFORMATION****12.1 Toxicity****Ecotoxicity effects**

As supplied, the preparation is not expected to present significant adverse environmental effects.

**12.2 Persistence and degradability**

No information available.

**12.3 Bioaccumulative potential**

No information available.

**12.4 Mobility in soil**

No information available.

**12.5 Results of PBT and vPvB assessment**

No information available.

**12.6 Other adverse effects**

No information available.

**13. DISPOSAL CONSIDERATIONS****13.1 Waste treatment methods****Waste from residues / unused products**

Dispose of in accordance with local regulations.

**Contaminated packaging**

Empty containers should be taken to an approved waste handling site for recycling or disposal.

**14. TRANSPORT INFORMATION****ADR**

Not dangerous goods

**IATA**

Not dangerous goods

**DOT**

Not dangerous goods

**15. REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

No information available.

**15.2 Chemical Safety Assessment**

No information available.

**16. OTHER INFORMATION**

**Revision Date** 09-May-2013

**Revision Note** not applicable.

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

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of SDS**