



# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Product Name: **HOT STEP MAMA**

---

## 4. First aid measures

### 4.1 Description of first aid measures

After inhalation: fresh air

After skin contact: wash off with plenty of water. Remove contaminated clothing.

After eye contact: rinse out with plenty of water.

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

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

We have no description of any toxic symptoms.

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

No information available.

---

## 5. Fire-fighting measures

### 5.1 Extinguishing media

Suitable extinguishing media

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

Unsuitable extinguishing media

For this substance/mixture no limitations of extinguishing agents are given.

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

Not combustible.

Ambient fire may liberate hazardous vapours.

### 5.3 Advice for firefighters

Special protective equipment for fire-fighters

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

Further information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

---

## 6. Accidental release measures

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

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area,

observe emergency procedures, consult and expert.

Advice for emergency responders: Protective equipment see section 8.

### 6.2 Environmental precautions

Do not let product enter drains.

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Product Name: **HOT STEP MAMA**

---

## 6.3 Methods and materials for containment and cleaning up

Cover drains. Collect, bind, and pump off spills.

Observe possible material restrictions (see sections 7.2 and 10.5).

Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

## 6.4 Reference to the sections

Indications about waste treatment see section 13.

---

## 7. Handling and storage

### 7.1 Precautions for safe handling

Observe label precautions.

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

Tightly closed. Dry.

Storage temperature: no restrictions.

### 7.3 Apecific end uses

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

---

## 8. Exposure controls/personal protection

### 8.1 Control parameters

### 8.2 Exposure controls

#### Engineering measures

Technical measures and appropriate working operations should be given priority over the use of personal protective equipment.

See section 7.1.

#### Individual protection measures

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

#### *Hygiene measures*

Change contaminated clothing. Wash hands after working with substance.

#### *Eye/face protection*

Safety glasses

#### *Hand protection*

Not required.

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Product Name: **HOT STEP MAMA**

---

## *Respiratory protection*

Required when dusts are generated.

Recommended Filter type: Filter P 1 (acc.to DIN 3181) for solid particles of inert substances.

The entrepreneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

## **Environmental exposure controls**

Do not let product enter drains

## **9. Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

Form	Powder
Colour	China Red
Odour	Odourless
Odour Threshold	No information available
pH	3-7 (at 10% aqueous dispersions, 20°C)
Melting Point	No information available.
Boiling point	No information available.
Flash point	Not applicable
Evaporation rate	No information available.
Flammability (solid, gas)	No information available.
Loer explosion limit	No information available.
Upper explosion limit	No information available.
Vapour pressure	No information available.
Relative vapour density	No information available.
Relative density	3.3 g/cm <sup>3</sup>
Water solubility	Insoluble
Partition coefficient: n-Octanol/water	No information available.
Autoignition temperature	No information available.
Decomposition temperature	No information available.
Viscosity, dynamic	No information available.
Explosive properties	No information available.
Oxidizing properties	No information available.

### **9.2 Other data**

Bulk density	0.2-0.3g/cm <sup>3</sup>
Particle size	10-60 μ m

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Product Name: **HOT STEP MAMA**

---

## 10. Stability and reactivity

### 10.1 Reactivity

See section 10.3.

### 10.2 Chemical stability

The product is chemically stable under standard ambient conditions (room temperature).

### 10.3 Possibility of hazardous reactions

No information available

### 10.4 Conditions to avoid

Not known to date

### 10.5 Incompatible materials

No information available

### 10.6 Hazardous decomposition products

No information available

---

## 11. Toxicological information

### 11.1 Information on toxicological effects

*Specific target organ toxicity-single exposure*

The substance or mixture is not classified as specific target organ toxicant, single exposure.

*Specific target organ toxicity-repeated exposure*

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

*Aspiration hazard*

Based on available data the classification criteria are not met.

### 11.2 Further information

*Further information:*

Quantitative data on the toxicity of this product are not available.

*Further toxicological data:*

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

*Other information*

Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions.

*Further data:*

Handle in accordance with good industrial hygiene and safety practice.

## 12. Ecological information

### 12.1 Toxicity

No information available.

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

# SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006

Product Name: **HOT STEP MAMA**

---

## 12.4 Mobility in soil

No information available.

## 12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.

## 12.6 Other adverse effects

*Additional ecological information*

Do not allow to run into surface waters, wastewater, or soil.

## 13. Disposal considerations

*Waste treatment methods*

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. Leave chemicals in original containers. No mixing with other waste. Handle un-cleaned containers like the product itself.

See [www.retrologistik.com](http://www.retrologistik.com) for processes regarding the return of chemicals and containers, or contact us if you have further questions.

---

## 14. Transport information

Not classified as dangerous in the meaning of transport regulations.

---

## 15. Regulatory information

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

EU regulations

Major Accident Hazard 96/82/EC

Legislation Directive 96/82/EC does not apply

National legislation

Storage class VCI 10-13 Other liquids and solids

### 15.2 Chemical Safety Assessment

For this product a chemical safety assessment was not carried out.

## 16. Other information

**Training advice**

**Provide adequate information, instruction and training for operators.**

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Used abbreviations and acronyms can be looked at [www.wikipedia.org](http://www.wikipedia.org).**

---

*The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of any properties of the product.*