

## SAFETY DATA SHEET

### Stonemill AB VOC Abatement Catalyst Metox

#### 1. Identification of the substance/preparation and of the company/undertaking

**Product name:** Stonemill AB VOC Abatement Catalyst Metox  
**Chemical product name:** Copper/Manganese on aluminum oxide  
**Supplier:** Stonemill AB  
Box 70  
260 39 Hasslarp, Sweden  
Tel: (Int.) +46 42 20 68 60  
Telefax: (Int.) +46 42 20 68 65  
**Emergency telephone number:** Tel: (Int.) +46 8 337043 (Emergency Response Center, Sweden)

#### 2. Composition / information on ingredients

Substance/Preparation: Substance

Chemical name*	CAS No.	%	EC Number	Symbol	R-Phrases
Copper/Manganese on aluminum oxide		>99		Xn	R20/22

\* Occupational Exposure Limit(s), if available, are listed in section 8

#### 3. Hazards identification

**Human health hazards:** Harmful by inhalation and if swallowed.

#### 4. First-aid measures

**Inhalation:** Remove to fresh air.

**Ingestion:** Make victim drink water. If large quantities of this material are swallowed, call a physician immediately.

**Skin Contact:** Wash with soap and water. Get medical attention if irritation occurs.

**Eye Contact:** Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention if irritation occurs.

#### 5. Fire-fighting measures

##### Extinguishing Media

**Suitable:** SMALL FIRE: Use DRY chemical powder.  
LARGE FIRE: Use water spray, fog or foam. Do not use water jet.

**Unusual fire/explosion hazards:** Contact with combustible material may cause fire. (Organic chemicals.)

**Protection of fire-fighters:** Fire fighters should wear positive pressure self-contained breathing apparatus (SCBA) and full turnout gear.

## SAFETY DATA SHEET

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#### 6. Accidental release measures

<b>Personal precautions:</b>	Avoid contact with skin and eyes. Avoid breathing dust. Use suitable protective equipment. (Section 8).
<b>Environmental Precautions and Clean-up Methods:</b>	Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

#### 7. Handling and storage

<b>Handling:</b>	Ventilation is normally required when handling or using this product. Take precautionary measures against electrostatic discharges. Avoid generation of dust.
<b>Storage:</b>	Keep container tightly closed and dry. Contact with combustible material may cause fire. (Organic chemicals.)
<b>Packaging materials:</b>	
<b>Recommended use:</b>	Use original container.

#### 8. Exposure controls/personal protection

<b>Engineering measures:</b>	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. Provide a readily accessible eyewash facility and quick drench safety shower.
<b>Hygiene measures:</b>	After handling, always wash hands thoroughly with soap and water.
<b>Occupational Exposure Limits:</b>	Not available.
<b>Personal protective equipment</b>	
<b>Respiratory system:</b>	Wear appropriate respirator when ventilation is inadequate.
<b>Skin and body:</b>	Work uniform or laboratory coat.
<b>Hands:</b>	Gloves
<b>Eyes:</b>	Splash goggles

#### 9. Physical and chemical properties

<b>Physical state:</b>	Solid. Solid pellets.
<b>Color:</b>	Brown./Black.
<b>Odor:</b>	Odorless
<b>Melting Point:</b>	>1400°C
<b>Density:</b>	550-700 kg/m <sup>3</sup>
<b>Solubility:</b>	Insoluble in water.
<b>Flash point:</b>	Not applicable.

#### 10. Stability and reactivity

<b>Stability:</b>	The product is stable.
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## SAFETY DATA SHEET

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#### 11. Toxicological information

Inhalation of dust may cause irritation to respiratory tract. This product may irritate eyes and skin upon contact.

Acute toxicity: Not available.

#### 12. Ecological information

Ecotoxicity: Not available.

#### 13. Disposal considerations

**Methods of disposal; Waste of residues ; Contaminated packaging:** Waste must be disposed of in accordance with federal, state and local environmental control regulations.  
Contact with combustible material may cause fire. (Organic chemicals.)

#### 14. Transport information

##### International transport regulations

This preparation is not classified as dangerous according to international transport regulations, (ADR/RID, IMDG, ICAO/IATA).

#### 15. Regulatory information

EU Classification (67/548/EEC-88/379/EEC)

Hazard symbol(s):



Classification:

**Harmful**

Risk phrases:

R20/22- Harmful by inhalation and if swallowed.

Safety phrases:

S22- Do not breathe dust.  
S24/25- Avoid contact with skin and eyes.  
S45- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Contains:

Copper/Manganese on aluminum oxide

National regulations

#### 16. Other information

##### HISTORY

Date of issue: 05-02-15

Version: 1

Prepared by: Olivier Bommenel

This safety data sheet is based on Stonemill AB's present knowledge and experience, and is intended to serve as a guide for safe handling of the product regarding to health and environmental aspects.