

SAFETY DATA SHEET

Stonemill AB VOC Abatement Catalyst PPt-47

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

Product name: Stonemill AB VOC Abatement Catalyst Ppt-47
Chemical product name: Platinum 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
Platinum on aluminum oxide		>99	-	-	-

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

3. Hazards identification

Human health hazards: No physical/chemical, environmental or human health hazards are reported or known.

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.

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6. Accidental release measures

Personal precautions:	Avoid contact with skin and eyes. Avoid breathing dust. Use suitable protective equipment. (Section 8).
Environmental Precautions and Clean-up Methods:	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

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

8. Exposure controls/personal protection

Engineering measures:	Use local exhaust ventilation or handle in a ventilated enclosure. Provide a readily accessible eyewash facility and quick drench safety shower.
Hygiene measures:	After handling, always wash hands thoroughly with soap and water.
Occupational Exposure Limits:	Not available.
Personal protective equipment	
Respiratory system:	Wear appropriate respirator when ventilation is inadequate.
Skin and body:	Work uniform or laboratory coat.
Hands:	Gloves
Eyes:	Splash goggles

9. Physical and chemical properties

Physical state:	Solid. Solid pellets.
Color:	Brown
Odor:	Odorless
Boiling point	2980°C
Melting Point:	2000°C
Density:	500-800 kg/m ³
Solubility:	Insoluble in water. Insoluble in Solvent(s).
Ph	8 (1% solution)
Flash point:	Not applicable.

10. Stability and reactivity

Stability:	The product is stable.
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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. ORAL (LD50): >2000 mg/kg [Rat].
DERMAL (LD50): >2000 mg/kg [Rabbit].

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)

Classification: This product is not classified according to the EU regulations.

Safety phrases: S24/25- Avoid contact with skin and eyes.

National regulations

16. Other information

HISTORY

Date of issue: 05-03-07

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.