

POCH Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH). Creation date / last update: 2002-10-15 / 2005-08-16

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

SILVER PERMANGANATE

Catalogue Numbers: *pure-815701770;*

Use of the substance / preparation: chemical reagent

POCH SA

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2. Hazard identification

Contact with combustible material may cause fire. Irritating to the eyes. Harmful by inhalation, in contact with skin and if swallowed.

3. Composition/information on ingredients

CAS-No.: 7783-98-4

Molecular mass: 226.81

Molecular formula: AgMnO_4

WE Number: 232-040-1

4. First aid measures

After eye contact: *rinse out with plenty of water with the eyelid held wide open.*

After skin contact: *wash off with plenty of water, remove contaminated clothing*

After swallowing: *make victim drink plenty of water. Immediately summon doctor.*

After inhalation: *fresh air. If breathing stops: immediately apply mechanical ventilation, if necessary oxygen mask. Immediately call in physician.*

5. Fire-fighting measures

Suitable extinguishing media: *in adaption to materials stored in the immediate neighbourhood*

Special risk: *fire- promoting*

Special protective equipment for fire fighting:

Other information: *non-combustible*

Prevent fire-fighting water from entering surface water or groundwater. Cool container with spray water from a safe distance.

Contain escaping vapours with water.

6. Accidental release measures

Take up dry. Forward for disposal. Clean up affected area. Avoid generation of dusts. Do not inhale dusts. Avoid substance contact.

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7. Handling and storage

Handling: *Use with adequate ventilation. Use of the basic principles of Industrial Hygiene. Use according to good industry practice. Work under hood. Do not inhale substance. Do not empty into sewerage system. Use protective equipment according to p.8. Avoid skin contact.*

Storage: *tightly closed. Dry place. Keep away from sources of ignition and heat. Protect from light. Room temperature (At +15 to +25 deg C).*

8. Exposure controls/personal protection

Specific control parameter: *max. workplace conc.: 0,05 mg/m³ as Ag.*

Provide exhaust ventilation. Ensure the eye wash station and safety showers. Protective equipment should be selected for the working place, depending on concentration and quantity of the hazardous product handled. The resistance of the protective clothing to chemicals should be ascertained with respective supplier.

Personal protective equipment:

respiratory protection: *required - respiratory protection.*

eye protection: *required - safety goggles.*

hand protection: *required - protective clothing.*

body protection: *required - protective clothing.*

industrial hygiene: *immediately change contaminated clothing. Apply skin - protective barrier cream. Wash hands and face after working with substance.*



9. Physical and chemical properties

Form: *solid*

Colour: *purple*

Odour: *odourless*

pH value: *not available*

Melting point: *decomposition*

Boiling point: *not applicable*

Autoignition temperature: *not applicable*

Flash point: *not applicable*

Explosion limit: *not applicable*

lower:

upper:

dynamic viscosity:

kinematical viscosity:

Vapour pressure: *not applicable*

Density: *4,27 g/cm³ (w 25°C)*

Bulk density: *not available*

Solubility:

in water: *~ 9 g/l (w 20°C)*

in organic solvents: *alcohol (decomposition)*

log P(w/o):

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10. Stability and reactivity

Conditions to be avoided: *fire source, heat source*

Substances to be avoided: *combustibles, strong acids, strong reducing agents.*

Hazardous decomposition products: *no information available*

Other information: *no further informations*

11. Toxicological information

Toxicological information: *Quantitative data on this product are not available.*

Other information: *after skin contact: strong irritation. After eye contact: strong irritation. After swallowing: toxic effect. After inhalations: absorption. Cardiovascular disorders, dyspnoea, unconsciousness, coughing, nausea, vomiting, headache.*

12. Ecological information

Harmful for aquatic organisms. Do not allow to enter waters, waste water or soil!



13. Disposal considerations

POCH product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Handle contaminated packing in the same way as the substrate itself. Always contact a permitted waste disposal to assure compliance with all current local, state and federal regulations.

14. Transport information

ADR Class and package group: *5.1,II*

UN Number: *1482*

Name (acc. to UN): *permanganate, inorganic, N.O.S.*

15. Regulatory information

Labelling according to EC Directives.

Symbol: *O, Xn; Oxidizing. Harmful.*

R-phrases: *8-20/21/22-36; Contact with combustible material may cause fire. Irritating to the eyes. Harmful by inhalation, in contact with skin and if swallowed.*

S-phrases: *16-26-36/37/39; Keep away from sources of ignition - No smoking. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection.*

16. Other information

Reason for alteration: *general update.*

Informations contained in this SDS while accurate to the best knowledge