

POCH Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH). Creation date / last update: 2002-10-15 / 2005-03-23

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

CHLORAL ANHYDROUS

Catalogue Numbers: *pure-225460421; pure p. a.-225460115;*

Use of the substance / preparation: *chemical reagent*

POCH SA

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2. Hazard identification

Toxic if swallowed. Irritating to eyes and skin.

3. Composition/information on ingredients

CAS-No.: 75-87-6

Molecular mass: 147.39

Molecular formula: CCl_3CHO

WE Number: 200-911-5

4. First aid measures

After eye contact: *rinse out with plenty of water for at least 15 minutes with the eyelid held wide open. Call in ophtalmologist.*

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

After swallowing: *immediately summon a doctor*

After inhalation: *fresh air. Summon doctor.*

5. Fire-fighting measures

Suitable extinguishing media: *CO₂, powder*

Special risk: *Development of hazardous gases or vapours possible in the event of fire: hydrochloric oxides.*

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

Do not inhale vapours/aerosols. Take up with liquid- absorbent material. Forward for disposal. Clean up affected area. Avoid substance contact with water.

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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. Cool, Dry well-ventilated place.*

8. Exposure controls/personal protection

Specific control parameter: *no determined.*

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 when vapours/aerosols are generated - gas mask with specific absorber.*

eye protection: *required - safety goggles.*

hand protection: *required - protective clothing.*

body protection: *required - protective clothing.*

industrial hygiene: *immediately change contaminated clothing. Wash hands and face after working with substance.*

9. Physical and chemical properties

Form: *Oil liquid*

Colour: *Colourless to yellowish*

Odour: *pungent*

pH value: *not available*

Melting point: *-57°C*

Boiling point: *97,8°C*

Autoignition temperature: *not applicable*

Flash point: *75°C*

Explosion limit: *not applicable*

lower:

upper:

dynamic viscosity:

kinematical viscosity:

Vapour pressure: *35 mmHg (20°C)*

Density: *1,51 g/cm³ (20°C)*

Bulk density: *not applicable*

Solubility:

in water: *soluble (gives hydrate)*

in organic solvents: *ether, alcohol*

log P(w/o):

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10. Stability and reactivity

Conditions to be avoided: *no information available*

Substances to be avoided: *water.*

Hazardous decomposition products: *in case of fire toxic vapours could be formed*

Other information: *no further informations*

11. Toxicological information

Toxicological information: *Lethal dose for human: 8 - 15 g.*

Other information: *After inhalation: irritations of mucous membranes, coughing, dyspnoea. After inhalation may lead to the formation of oedema in the respiratory tract; After skin contact: severe irritations; After swallowing: irritations symptoms of mucous membranes in the mouth, throat, pharynx and oesophagus and gastrointestinal tract , absorption; After eye contact: severe irritations; After absorption of large quantities: damage of CNS, nausea, vomiting, drop in blood pressure, tiredness, unconsciousness, respiratory paralysis. Toxic effect on heart, liver and kidneys. This substance should be handled with particular care;*

12. Ecological information

Quantitative data on the ecological effect of this product are not available. 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: *6.1,II*

UN Number: *2075*

Name (acc. to UN): *chloral anhydrous stabilized*

15. Regulatory information

Labelling according to EC Directives.

Symbol: *T; Toxic.*

R-phrases: *25-36/38; Toxic if swallowed. Irritating to eyes and skin.*

S-phrases: *26-36/37/39-45; In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). 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