

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

Lead(II) acetate trihydrate

*Manufacturer/supplier identification*

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**2. Hazards identification****Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]**

Acute toxicity, Oral (Category 5)

Serious eye damage/eye irritation (Category 1)

Reproductive toxicity (Category 1A)

Specific target organ toxicity - repeated exposure (Category 2)

Short-term (acute) aquatic hazard (Category 1)

**Label elements**

Pictogram



Signal word Danger

**Hazard statement(s)**

H303 May be harmful if swallowed.

H318 Causes serious eye damage.

H360 May damage fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H410 Very toxic to aquatic life with long lasting effects.

**Precautionary statement(s)**

P201

Obtain special instructions before use.

P202

Do not handle until all safety precautions have been read and understood.

P260

Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.

P273

Avoid release to the environment.

P280

Wear protective gloves/ protective clothing/ eye protection/ face protection.

P305 + P351 + P338 + P310

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

P312

Call a POISON CENTER/ doctor if you feel unwell.

P391

Collect spillage.

P405

Store locked up.

P501

Dispose of contents/ container to an approved waste disposal plant.

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Supplemental Hazard Statements  
none

## **3. Composition/information on ingredients**

*Synonyms*

Lead(II) acetate trihydrate

CAS-No.: 6080-56-4

*M:* 379.33 g/mol

Molecular formula:  $(\text{CH}_3\text{COO})_2\text{Pb} \cdot 3\text{H}_2\text{O}$

## **4. First aid measures**

**If inhaled**

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

**In case of skin contact**

Wash off with soap and plenty of water. Consult a physician.

**In case of eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

## **5. Fire-fighting measures**

**Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Advice for firefighters**

Wear self contained breathing apparatus for fire fighting if necessary.

## **6. Accidental release measures**

**Personal precautions**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions**

Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

## **7. Handling and storage**

**Precautions for safe handling**

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

**Conditions for safe storage**

Keep container tightly closed in a dry and well-ventilated place.

## **8. Exposure controls/personal protection**

**Appropriate engineering controls**

General industrial hygiene practice.

**Personal protective equipment**

**Eye/face protection**

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH

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(US) or EN 166(EU).

**Skin protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

**Body Protection**

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

**Respiratory protection**

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

**9. Physical and chemical properties**

**Form:** solid

**Colour:** white

**Odour:** not available

**pH value:** 5.5 - 6.5

**Melting point:** 75

**Boiling point:** not available

**Ignition temperature:** not available

**Flash point:** not available

**Autoignition temperature:** not available

**Explosion limits**

**lower:** not available

**upper:** not available

**Density :** 2.55

**Bulk density:** not available

**Solubility in**

**water (20 °C) :** not available

**diluted acids (20 °C) :** not available

**Thermal decomposition:** not available

**10. Stability and reactivity**

**Chemical stability**

no data available

**Conditions to avoid**

no data available

**Materials to avoid**

Strong acids, Strong oxidizing agents

**Hazardous decomposition products**

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Other decomposition products - no data available

## **11. Toxicological information**

### **Acute toxicity**

LD50 Oral - rat - 4.665 mg/kg

### **Skin corrosion/irritation**

no data available

### **Serious eye damage/eye irritation**

no data available

### **Respiratory or skin sensitization**

no data available

### **Germ cell mutagenicity**

May alter genetic material.

### **Carcinogenicity**

no data available

### **Specific target organ toxicity - single exposure**

no data available

### **Specific target organ toxicity - repeated exposure**

no data available

### **Aspiration hazard**

no data available

## **12. Ecological information**

### **Toxicity**

no data available

### **Persistence and degradability**

no data available

### **Bioaccumulative potential**

no data available

### **Mobility in soil**

no data available

### **PBT and vPvB assessment**

no data available

### **Other adverse effects**

no data available

## **13. Disposal considerations**

### **Product**

Offer surplus and non-recyclable solutions to a licensed disposal company.

### **Contaminated packaging**

Dispose of as unused product.

## **14. Transport information**

### **ADR/RID**

UN-Number: 1616 Class: 6.1 Packing group: III

Proper shipping name: LEAD ACETATE

### **IMDG**

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UN-Number: 1616 Class: 6.1 Packing group: III

Proper shipping name: LEAD ACETATE

Marine pollutant: yes

## **IATA**

UN-Number: 1616 Class: 6.1 Packing group: III

Proper shipping name: LEAD ACETATE

## **15. Regulatory information**

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

## **16. Other information**

General update.

*Regional representation:*

This information is given on the authorised Safety Data Sheet for your country.