

# **MATERIAL SAFETY DATA SHEET**

## **LANTHANUM ACETATE (Hydrate)**

**(EXTRA PURE)**

**MSDS : 917-70-4**

### **Section 1: Chemical Product and Company Identification**

#### **Section 1: Chemical Product**

**Product Name:** LANTHANUM ACETATE (Hydrate)

**CAS#:** 917-70-4

**C.I. No.:** Not available.

**Synonym :** Not available.

**Chemical Name:** Not available.

**Chemical Formula:** C<sub>6</sub>H<sub>9</sub>LaO<sub>6</sub> · xH<sub>2</sub>O

### **Section 2: Composition and Information on Ingredients**

#### **Composition:**

Name	CAS #	% by Weight
LANTHANUM ACETATE (Hydrate)	917-70-4	100

### **Section 3: Hazards Identification**

#### **Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.

Other hazards – none

## Section 4: First Aid Measures

**Description of first aid measures**

**If inhaled** If breathed in, move person into fresh air. If not breathing, give artificial respiration. **In case of skin contact** Wash off with soap and plenty of water. **In case of eye contact** Flush eyes with water as a precaution. **If swallowed** Never give anything by mouth to an unconscious person. Rinse mouth with water.

**Most important symptoms and effects, both acute and delayed** Indication of any immediate medical attention and special treatment needed No data available

## Section 5: Fire and Explosion Data

**Extinguishing media** Suitable extinguishing media

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

**Special hazards arising from the substance or mixture**

Carbon oxides, Lanthanum oxides

**Advice for firefighters**

## Section 5: Fire and Explosion Data(Continued)

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

No data available

## **Section 6: Accidental Release Measures**

### **Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Avoid breathing vapours, mist or gas. For personal protection see section 8.

### **Environmental precautions**

Do not let product enter drains.

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

Sweep up and shovel. Keep in suitable, closed containers for disposal.

### **Reference to other sections For**

disposal see section 13.

## **Section 7: Handling and Storage**

### **Precautions for safe handling**

Provide appropriate exhaust ventilation at places where dust is formed.

### **Conditions for safe storage, including any incompatibilities**

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

### **Specific end use(s)**

no data available

## **Section 8: Exposure Controls/Personal Protection**

### **Control parameters Components with workplace control parameters**

**Exposure 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 (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.

## **Section 9: Physical and Chemical Properties**

### **Information on basic physical and chemical properties**

- |                                            |                     |
|--------------------------------------------|---------------------|
| a) Appearance Form                         | : Soild             |
| b) Odour                                   | : No data available |
| c) Odour                                   | : No data available |
| d) pH                                      | : No data available |
| e) Melting point/freezing point            | : No data available |
| f) Initial boiling point and boiling range | : No data available |
| g) Flash point                             | : No data available |

## Section 9: Physical and Chemical Properties (Continued)

h) Evaporation rate	: No data available
i) Flammability (solid, gas)	: No data available
j) Upper/lower flammability or explosive limits	: No data available
k) Vapour pressure	: No data available
l) Vapour density	: No data available
m) Relative density	: No data available
n) Water solubility	: No data available
o) Partition coefficient: noctanol/ water	: No data available
p) Auto-ignition temperature	: No data available
q) Decomposition temperature	: No data available
r) Viscosity	: No data available
s) Explosive properties	: No data available
t) Oxidizing properties	: No data available
Molecular Weight	: 316,04 g/mol

### Other safety information

No data available

## Section 10: Stability and Reactivity Data

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**Reactivity** : No data available

**Chemical stability** : Stable under recommended storage conditions.

**Possibility of hazardous reactions** : No data available

**Conditions to avoid** : No data available

**Incompatible materials** : Strong oxidizing agents

**Hazardous decomposition products**

**Other decomposition products** - No data available.

## **Section 11: Toxicological Information**

**Toxicological information Information on toxicological effects Acute toxicity Skin corrosion/irritation Serious eye damage/eye irritation No data available Respiratory or skin sensitisation Germ cell mutagenicity Carcinogenicity**

**No data available**

**No data available**

**No data available**

**No data available**

**IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. Reproductive toxicity**

**No data available**

**Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Additional Information**

**No data available**

**No data available**

**No data available**

**RTECS: Not available**

## **Section 12: Ecological Information**

**Toxicity Persistence and degradability Bioaccumulative potential**

**No data available**

**No data available**

**No data available**

## **Section 12: Ecological Information**

**Mobility in soil Results of PBT and vPvB assessment**

**No data available**

**PBT/vPvB assessment not available as chemical safety assessment not required/not conducted Other adverse effects**

**No data available**

## Section 13: Disposal Considerations

### **Waste treatment methods Product**

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

### **Contaminated packaging**

Dispose of as unused product.

## Section 14: Transport Information

### Land transport (ADR-RID)

General information : Not regulated.

### Sea transport (IMDG) [English only]

General information : Not regulated.

### Air transport (ICAO-IATA) [English only]

General information : Not regulated.

## Section 15: Other Regulatory Information

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

**Safety, health and environmental regulations/legislation specific for the substance or mixture**  
No data available **Chemical Safety Assessment**

For this product a chemical safety assessment was not carried out

## Section 16 - Additional Information

References: Not available.

Other Special Considerations: Not available.

### ***Disclaimer:***

The information contained herein in good faith but makes no representations as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose.