Safety Data Sheet according to Regulation (EC) No. 1907/2006



Revision Date: 16.08.2022 Version 2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

TK.201040.00000 Catalog No.

Product Name Lead (II) Acetate Trihydrate

Cas no 6080-56-4

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses Use as a laboratory reagent.

1.2.2. Uses advised against

No information available.

1.3. Details of the supplier of the safety data sheet

TEKKİM KİMYA SAN. TİC. LTD. ŞTİ. Name

ORGANIZE SAN. BÖL. MAVİ CAD. 8. SOK. NO :1 NİLÜFER / BURSA Street

0224 243 21 71 Telephone

E-mail erhan@tekkim.com.tr

Erhan DİLER Company Representative

1.4 Emergency Telephone Number +90 506 990 36 86

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 (CLP)

Serious eye damage, Category 1 Reproductive toxicity, Category 1A

Specific Target Organ Toxicity – Repeated exposure, Category 2, Central nervous system, Blood, Immune system,

Kidnev

Short term (acute) aquatic hazard, Category 1 Long (chronic) aquatic hazard, Category 1

For the full text of the H and EUH statements referred to in this section, see section 16.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

Hazard pictograms







Signal word (SEA)

DANGER

Hazard Statements (SEA)

H318 Causes serious eye damage.

H360 May damage fertility or the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure. (Central nervous system, Blood, Immune system, Kidney)

H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements (SEA)







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Prevention

P201 Read special instructions before use.

P202 Do not handle until all precautionary statements have been read and understood.

P273 Avoid release to the environment.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

Intervention

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if fitted and easy to do. Continue rinsing.

Revision Date: 16.08.2022

Version 2

P308+P313 IF exposed and concerned: Get medical advice/attention.

SECTION 3: Composition/information on ingredients

Classification according to Regulation (EC) No. 1272/2008 (CLP)

3.1 Maddeler

 EC No
 206-104-4

 Molar mass
 379.34 g/mol

 Cas No
 6080-56-4

 Concentration
 (<= 100 %)</td>

SECTION 4: First aid measures

4.1 Description of first aid measures

General information In case of accident or unwellness, seek medical advice immediately

(show directions for use or safety data sheet if possible).

Following inhalation Remove casualty to fresh air and keep warm and at rest..

Following skin contact Wash with plenty of water. Take off contaminated clothing.

Following eye contact In case of contact with eyes, rinse eyelids with water for 10-15 minutes.

See a doctor immediately.

Following ingestion Give up to two glasses of water. Get medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use extinguishing measures appropriate to the environment.

Unsuitable extinguishing media

There is no restriction for this item.

5.2 Special hazards arising from the substance or mixture

Lead oxides. It is not flammable. Fire may cause evolution of: metal fumes. All-round fire can release dangerous vapours.

5.3 Advice for firefighters

Special protective equipment for firefighters

Do not stay in dangerous zone without self-contained breathing apparatus. Keep a safe distance to cut off contact with skin and wear suitable protective clothing.

5.4 Additional information

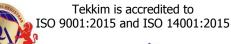
Stop and contain spill/release if it can be done safely. If this cannot be done, allow fire to burn under control.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures







Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Revision Date: 16.08.2022 Version 2



Advice for non-emergency personnel: Don't breathe vapours, aerosols. Avoid substance contact. Keep away from head and source of ignition. Ensure adequate ventilation. Evacuate the danger area, observe emergency procedures, consult an expert..

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

Close drainage channels. Take up with liquid-absorbent material. Clean the affected area. Avoid generation of dust...

6.4 Reference to other sections

Disposal: see section 13.

6.5 Additional information

Clear spills immediately.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Advices on safe handling

Pay attention to the precautions on the label. Work with the title. Do not inhale the substance. Avoid the formation of dust.

Advices on general occupational hygiene

Change contaminated clothing. Wash hands after working with substance. It is recommended to use a skin protection cream.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Keep container tightly closed in dry and well-ventilated places.

7.3 Specific end uses

There are no other specific uses other than those mentioned in section 1.2.

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Lead(II) Acetate Trihydrate

(6080-56-4)

0,15 mg/m3

EN OEL 8-hour fixed

for reference time

measured or calculated time weighted average

(TWA):

8.2 Exposure controls

Appropriate engineering controls

More attention should be paid to technical measures against the use of personal protective equipment.

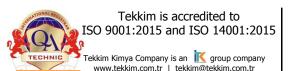
Personal protection equipment

Eye/face protection

Fully fitting safety glasses

Hand protection





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Hand protection

Full contact

Glove material: Nitrile rubber Glove thickness:0,11 mm Break through time: >480 minute

Splash contact

Glove material: Nitrile rubber Glove thickness: 0,11 mm Break through time: >480 minute

The protective gloves to be used must comply with the specifications of directive 89/686/EEC and the related standart

Revision Date: 16.08.2022

Version 2

EN374.

Other skin protection

Protective chlothing.

Respiratory protection

Required when dusts occur.

Recommended filter type: P 3 Filter (according to DIN 3181) for solid and liquid particles of harmful elements.

SECTION 9: Physical and chemical Properties

9.1 Information on basic physical and chemical properties

Physical state Colour off-white Odour Characteristic Odour threshold No information.

pH value 5.5 - 6.5 50 g/l 20 °C

Melting point/freezing point 75 °C

No information. Freezing point Initial boiling point and boiling range Not applicable. Flash point Not applicable. Evaporation rate No information. Flammability (solid, gas) No information.

Upper/lower flammability or explosive limits No information. Upper/lower flammability or explosive limits No information. Vapour pressure No information.

Vapour density No information. Density 2.55 g/cm3 20 °C Relative density No information. Water solubility (g/l) 443 q/l 20 °C Fat solubility (g/l) No information.

Partition coefficient: n-octanol/water No information. Auto-ignition temperature No information.

Decomposition temperature > 75 °C

Viscosity

Kinematic viscosity No information. Dynamic viscosity No information.

Explosive properties Not classified as explosive.

Oxidising properties none

SECTION 10: Stability and Reactivity

10.1 Reactivity

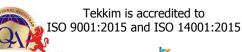
Section 10.3 to see.

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.







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Safety Data Sheet according to Regulation (EC) No. 1907/2006



10.3 Possibility of hazardous reactions

Risk of explosion with strong acids, bromates, phenol.

Violent reactions possible with strong oxidizing agents, strong bases.

10.4 Conditions to avoid

No information available.

10.5 Incompatible materials

No information available.

10.6 Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute oral toxicity LD50 Rat: 4.665 mg/kg **OECD Test Guideline 401** (anhydrous substance)

Serious eye damage/eye irritation

Eyes - Bovine cornea

Result: Causes serious eye damage. - 4 h

(OECD Testing Guide 437)

CMR effects

Teratogenicity (possibility to cause developmental disabilities):

It can harm the unborn baby. Positive finding in epidemiological studies in humans.

Reproductive toxicity:

Suspected of damaging fertility.

Specific Target Organ Toxicity - Repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Target Organs: Central nervous system, Blood, Immune system, Kidney

11.2 Additional information

Excessive exposure may affect the blood, nervous and digestive systems. Hemoglobin synthesis is inhibited and as a result anemia occurs. Additional symptoms of overexposure include joint and muscle aches, weakness in the opening muscles (often in the hands and wrists), headache, drowsiness, abdominal pain, diarrhea, constipation, nausea, vomiting, bruising of the gums, insomnia, and a rusty taste in the mouth. High levels in the body cause increased cerebrospinal pressure, brain damage, coma, and fainting, which often results in death.

Revision Date: 16.08.2022

Version 2

It has been reported that lead salts cross the placenta and cause embryo/foetal deaths. These salts also have a teratogenic effect in some animal species. Lead has been reported to have adverse effects on human reproduction, embryonic and fetal development, and postnatal development (eg mental development).

SECTION 12: Ecological information

12.1 Toxicity

No information available.

12.2 Persistence and degradability

Methods for measuring biological degradation cannot be applied to inorganic substances.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Substance does not meet the criteria for PBT or vPvB.

12.6 Other adverse effects

Harmful mixtures may form with water.

Discharge into the environment should be prevented.







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Revision Date: 16.08.2022 Version 2

SECTION 13: Disposal considerations

Waste treatment methods

It must be disposed of in accordance with national and local regulations. Do not mix with other products. Uncleaned Treat packages as if it were the product itself ... Waste materials must be disposed of in accordance with national and local regulations.

ADR 14.1 UN number UN 1616 UN 1616 UN 1616 UN 1616 UN 1616 UN 1616 UN 1616 14.2 UN proper shipping name LEAD ACETATE 6.1, III, Marine Pollutant: P, Segregation Group: 7 (Heavy metals and their salts (including their organometallic compounds)) (Lead and its compounds)) (Lead and its compounds)) (Lead and its compounds) 14.3 Transport hazard class(es) 6.1 6.1 6.1 6.1 6.1 14.4 Packing group	SECTION 14: Transpo	rt information					
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	6.1	6.1	6.1	6.1	6.1		
	¥2>						
	14.4 Packing group	III	III	III	III		

14.5 Environmental hazards

YES YES YES YES

No information available. No information available. No information available. No information available. No information available.

14.6 Special Precautions for User:

No information available.

SECTION 15: Regulatory information

15.1 Safety, health and environmental legislation specific for the substance or mixture

This product safety data sheet complies with the requirements of EU Regulation 1907/2006.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been conducted for this substance.

SECTION 16: Other informations

Full text of H statements

H318 Causes serious eye damage.

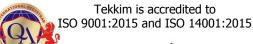
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Revision Date: 16.08.2022 Version 2



Person Who Prepared the Safety Data Sheet:

Name: Erhan DİLER Certificate Number and Date:

11.29.03 & 11 Şubat 2020 Communication information:

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