

1. Identification

Product Code **CL2704-56**

Product Name **LEAD ACETATE 3H₂O pure**

Molecular Formula $(\text{CH}_3\text{COO})_2\text{Pb} \cdot 3\text{H}_2\text{O} = 379.33$

CAS Number 6080-56-4

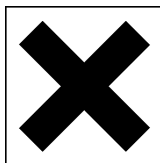
Supplier:  **BEECROFT & PARTNERS**
 Northfield Road
 Rotherham
 South Yorkshire

Phone 01709-377881
 Fax 01709-369264

Emergency Telephone 08:30-1700 01709-377881
 24hr 112
 (Have this document to hand)

2. Composition

Component	CAS No	EEC No	Conc w/w	Classification & Risk Phrases	Exp (See 8.1)
Lead compounds	6080-56-4		> 84.0%	Xn N : R61,R33,R40,R48/22,R50/53, R62	OES

3. Hazards Identification

May cause harm to the unborn child. Danger of cumulative effects. Limited evidence of carcinogenic effect Harmful: danger of serious damage to health by prolonged exposure if swallowed. Very Toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment. Possible risk of impaired fertility.

4. First Aid Measures

Eyes Irrigate thoroughly with plenty of water for at least 10 minutes, holding the eye open. If discomfort persists OBTAIN MEDICAL ATTENTION.

Skin Thoroughly wash off skin with soap and water. Remove contaminated clothing immediately and wash before re-use.

Inhalation Remove from exposure. Keep warm and at rest. If there is difficulty in breathing give oxygen if available. If breathing stops or shows signs of failing, apply artificial resuscitation. OBTAIN MEDICAL ATTENTION.

Ingestion If conscious wash out mouth thoroughly with water and give water or milk to drink. Do not induce vomiting. OBTAIN MEDICAL ATTENTION URGENTLY.

5. Fire Fighting Measures

Hazards Evacuate area immediately. Keep up wind. Avoid exposure to toxic vapours and fumes. Fire-fighters should wear protective clothing and breathing apparatus. May evolve toxic fumes if involved in a fire.

Extinguishing Media Consider what other flammable materials are present and act accordingly. Use water spray to keep fire exposed containers cool.

Unsuitable Media Nothing specified.

6. Accidental Release Measures

Personal Protection	Evacuate area immediately. Do not allow other people to enter area. Avoid breathing dust-wear respiratory protective equipment.
Environmental	Keep material out of sewers, storm drains, surface waters and soil. Notify the Environmental Agency and local Environmental Health Officer if major spillage occurs.
Major Spillage	Vacuum up into container for removal. Carefully remove material from vacuum cleaner and transfer to sealable container for disposal. Carry out this operation under fume extraction.
Minor Spillage	Vacuum up into container for removal. Carefully remove material from vacuum cleaner and transfer to sealable container for disposal. Carry out this operation under fume extraction.

7. Storage & Handling

Handling Precautions	Avoid contact with skin and eyes. Do not breath dust. Do not allow to contaminate clothing. Ensure Local Exhaust Ventilation maintains dust concentrations to a minimum.
Storage Conditions	Well ventilated, cool, dry storage . Keep well separated from food and food containers.

8.1 Occupational Exposure Limits

Occupational Exposure Standard	Long Term (8hr TWA):	-	ppm	0.0500	mg m-3
	Short Term (15min Period):	-	ppm	-	mg m-3

8.2 Personal Protection

Respiratory	Use L.E.V. or natural ventilation to reduce dust concentrations to a minimum. If not, use a well maintained chemical cartridge respirator, or use self contained breathing apparatus.
Hands	Wear gloves.
Eyes	Use chemical splash proof glasses or goggles.
Skin	Avoid contact with skin. If skin contact or contamination of clothing is likely, protective clothing must be worn.

9. Physical & Chemical Properties

Appearance	White crystalline solid.
Odour	Odourless.
pH	6 @ 20 °C
Boiling point	999.0 °C
Melting point	75.0 °C
Flash point	Not available
Upper Flammable Limit	Not available
Lower Flammable Limit	Not available
Auto Ignition	Not available
Explosive properties	No.
Oxidising Properties	No.
Vapour Pressure	Not applicable.
Relative Density	2.5500
Water Solubility	Very soluble in water.

10. Stability & Reactivity

Chemical Stability	Stable under normal conditions
Conditions to Avoid	Hot surfaces and naked flames.
Materials to Avoid	Strong oxidising agents.
Hazardous Decomposition Products	Burning will produce smoke, carbon monoxide and/or carbon dioxide.

11. Toxicological Information

Eyes	Contact with the solid or dust will be irritating to the eyes.
Skin	Contact with the solid or dust will be irritating to the skin.
LD50 Skin	Not available
Ingest	Ingestion of large amounts will cause severe internal irritation and damage, nausea, vomiting, abdominal pains and diarrhoea. Systemic effects may follow and may include ringing of the ears, dizziness, elevated blood pressure, blurred vision and tremors.
LD50 Ingest	Rat 4665 mg/kg
Inhalation	Inhalation of dust will produce irritation of the eyes, nose, throat and respiratory tract. Inhalation of the dust can result in symptoms similar to those due to ingestion.
Carcinogenicity	Must be considered to have carcinogenic properties.
Mutagenicity	Significant increases in chromosome aberrations have been reported.
Reproductive Effects	No information is available.
Other Information	Chronic lead poisoning may occur from dust inhalation. Anaemia and other blood effects are the most common. Early symptoms of poisoning include fatigue, headache, sleep disturbances, aching bones and muscles, gastrointestinal disturbances and reduced appetite. Large doses affect the central nervous system causing severe headaches, convulsions, coma, kidney damage and death.

12. Ecological

Lead salts are harmful to the environment. Very Toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment.

13. Disposal Considerations

Disposal Methods	Dispose of to a licensed land fill site.
Contaminated Packaging	Use a licensed waste disposer.

14. Transport Information

Proper Shipping Name	Lead acetate
UN Number	1616
UN Classification	6.1 Toxic
Subsidiary Risk	None
Flash Point	Not available
Packing Group	III
Marine pollutant	No
ADR Hazard ID	60

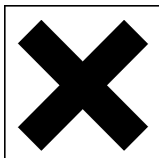


15. Regulatory Information

Labelling	Harmful, Dangerous for the Environment.
Classification	

Label Symbols

Xn



N



Risk & safety Phrases	May cause harm to the unborn child. Danger of cumulative effects. Limited evidence of carcinogenic effect Harmful: danger of serious damage to health by prolonged exposure if swallowed. Very Toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment. Possible risk of impaired fertility. Avoid exposure - obtain special instruction before use. In case of accident or if you feel unwell, seek medical advice immediately (show the label). This material and/or its container must be disposed of as hazardous waste. Avoid release to the environment, refer to special instructions/safety data sheet.
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15. Regulatory Information (continued)

EEC Number

Not available

16. Other Information

Document Information

This document has been prepared in accordance with directive 88/379/EEC.

The information contained in this document only covers the hazards presented by this material, it DOES NOT constitute a workplace risk assessment.

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