

LEAD SALICYLATE

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

1.1. Product identifier

Product name: Lead Salicylate
CAS Number: 15748-73-9
EC Number: 239-839-4

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

Product use: Laboratory chemicals, Industrial & for professional use only

1.3 Details of the supplier of the safety data sheet

Company name: East Harbour Group Ltd
20 Clough Road, Severalls Industrial Park
Colchester, Essex, CO4 9QS
United Kingdom

Telephone: +44 (0) 333 242 0100
Email: info@eastharbourgroup.com

1.4 Emergency telephone number

Emergency telephone: 0800 246 1274

Section 2: Hazardous identification

2.1 Classification of the substance or mixture

Acute toxicity - Category 4, Oral
Acute toxicity - Category 4, Inhalation
Reproductive toxicity, Category 1A
Specific target organ toxicity – repeated exposure, Category 2
Hazardous to the aquatic environment, short-term (Acute) - Category Acute 1
Hazardous to the aquatic environment, long-term (Chronic) - Category Chronic 1

2.2 Label elements

Pictogram



Signal Word

Danger

Hazard statement(s)

H302 Harmful if swallowed.
H332 Harmful if inhaled.
H360 May damage fertility or the unborn child.

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

H410 Very toxic to aquatic life with long lasting effects.

Precautionary statement(s)

Prevention

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P203 Obtain, read and follow all safety instructions before use.

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

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P273 Avoid release to the environment.

Response

P301+P317 IF SWALLOWED: Get medical help.

P330 Rinse mouth.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P317 Get medical help.

P318 IF exposed or concerned, get medical advice.

P319 Get medical help if you feel unwell.

P391 Collect spillage.

Storage

P405 Store locked up.

Disposal

P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

2.3 Other hazards

None

Section 3: Composition/information on ingredients

Formula C₁₄H₈O₆Pb

Molecular Weight 479.41g/mol

CAS#	Chemical Name	%	EINECS#
15748-73-9	Lead Salicylate	59.35	239-839-4

For the full text of the H-Statements mentioned in this Section, see Section 16.

Section 4: First aid measures

4.1 Description of first aid measures

Eyes

Rinse with pure water for at least 15 minutes. Consult a doctor.

Skin

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

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Ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

Inhalation

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth, resuscitation if the victim ingested or inhaled the chemical.

Notes to Physician

Treat symptomatically and supportively.

Section 5: Fire-fighting measures

5.1 Fire Fighting Media and Instructions:**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

Extinguishing Media

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

Section 6: Accidental release measures

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

Avoid dust formation. Avoid breathing mist, gas or vapours. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Spills/Leaks

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

Section 7: Handling and storage

7.1 Precautions for safe handling**Handling**

Handling in a well-ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam

Storage

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

Section 8: Exposure controls/personal protection

8.1 Control parameters

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Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Exposure controls

Personal Protective Equipment

Eyes

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin

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 Regulation (EU) 2016/425 and the standard EN 374 derived from it.

Clothing

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respirators

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical State	powder.
Colour	Off-white.
Odor	Not available.
PH	Not available.
Vapor Pressure	Not available.
Viscosity	Not available.
Boiling Point	336.3°C at 760 mmHg
Freezing/Melting Point	Not available.
Autoignition Temperature	Not available.
Flash Point	144.5°C.
Explosion Limits: Lower	Not available.
Explosion Limits: Upper	Not available.
Decomposition Temperature	Not available.
Solubility in water	Not available.
Specific Gravity/Density	Not available
Bulk density (kg/m3)	Not available

Section 10: Stability and Reactivity

Chemical Stability Conditions to Avoid

Stable under normal temperatures and pressures.
Incompatible materials.

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Incompatibilities with Other Materials
Hazardous Decomposition Products
Hazardous Polymerization

Strong oxidizing agents.
Carbon monoxide, oxides of nitrogen, carbon dioxide.
Will not occur.

Section 11: Toxicological Information

11.1 Toxicological effects:

RTECS#:

CAS# :15748-73-9

None listed.

LD50/LC50

Not available.

Carcinogenicity

Lead Salicylate - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Potential health effects

Inhalation

Toxic if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

Ingestion

Toxic if swallowed. Causes burns.

Skin

May be harmful if absorbed through skin. Causes skin burns.

Eyes

Causes eye burns.

Section 12: Ecological Information

Not available.

Section 13: Disposal considerations

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

Section 14: Transport Information

LEAD SALICYLATE

IMO

Shipping Name	LEAD COMPOUND, SOLUBLE, N.O.S. (Lead Salicylate)
UN Number	2291
Hazard Class	6.1
Packing Group	III

RID/ADR

Shipping Name	LEAD COMPOUND, SOLUBLE, N.O.S. (Lead Salicylate)
UN Number	2291
Hazard Class	6.1
Packing Group	III

IATA

Shipping Name	LEAD COMPOUND, SOLUBLE, N.O.S. (Lead Salicylate)
UN Number	2291
Hazard Class	6.1
Packing Group	III

Marine pollutant	Not available.
Other applicable information	Not available.

Section 15: Regulatory Information

This safety data sheet complies with the requirements of Regulation (EC) No 1907/2006

Section 16: Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.