



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:	Restricted to professional users.
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1.3 Details of the supplier of the safety data sheet

Company name:	East Harbour Group Ltd Miranda House, The Quay Harwich, Essex, CO12 3HH United Kingdom
Telephone:	+44 (0) 333 242 0100
Email:	info@eastharbourgroup.com

1.4 Emergency telephone number

Emergency telephone:	0800 246 1274
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Section 2: Hazardous identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [EU-GHS/CLP]

Reproductive toxicity (Category 1A)
Acute toxicity, Inhalation (Category 4)
Acute toxicity, Oral (Category 4)
Specific target organ toxicity - repeated exposure (Category 2)
Acute aquatic toxicity (Category 1)
Chronic aquatic toxicity (Category 1)

Classification according to EU Directives 67/548/EEC or 1999/45/EC

May cause harm to the unborn child. Possible risk of impaired fertility. Harmful by inhalation and if swallowed.

Danger of cumulative effects. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2 Label elements

Labelling according Regulation (EC) No 1272/2008 [CLP]

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Pictogram



Signal word:

Danger

Hazard Statement(s):

H302

Harmful if swallowed

H332

Harmful if inhaled

H360Df

May damage the unborn child. Suspected of damaging fertility.

H373

May cause damage to organs through prolonged or repeated exposure.

H410

Toxic to aquatic life with long lasting effects.

Precautionary statement(s)

P201

Obtain special instruction before use.

P273

Avoid release to the environment.

P308+P313

IF exposed or concerned; Get medical advice/attention.

P501

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

Supplemental Hazard Statement

No

Restricted to professional users.

According to European Directive 67/548/EEC as amended.

Hazard Symbol(s)



R-phrases(s)

R61

May cause harm to unborn child.

R20/22

Also harmful by inhalation and if swallowed.

R33

Danger of cumulative effects.

R50/53

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R62

Possible risk of impaired fertility.

S-phrases(s)

S53

Avoid exposure – obtain special instructions before use.

S45

In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

S60

This material and its container must be disposed of as hazardous waste.

S61

Avoid release to the environment. Refer to special instructions/Safety Data Sheets.

Emergency Overview

OSHA Hazards: Carcinogen, Reproductive hazard.

POTENTIAL HEALTH EFFECTS

Harmful is swallowed, inhaled, or absorbed into body through skin.

Possible irritation to skin and respiratory tract.

The substance may irritate to mucous membranes and upper respiratory tract.



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Section 3: Composition/information on ingredients

No data available

Section 4: First aid measures

4.1 Description of first aid measures

Contact with skin

Take off immediately all contaminated clothing.
When contact with skin, wash out immediately with plenty of soap and water.

Contact with eyes

If substances has got into eyes, immediately wash out with plenty of water for at least 15 minutes.
Consult a doctor for medical advice.

Ingestion

Consult a doctor for medical advice.

Inhalation

Move the person affected to fresh air promptly. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, supply oxygen.
Keep the person warm and at rest.

Section 5: Fire-fighting measures

5.1 Fire Fighting Media and Instructions:

Flammability Limits

Non-flammable material

Extinguishing Media

Dry chemical extinguishing agents
Carbon Dioxide or foam

Special Firefighting procedures

Wear self-contained breathing apparatus and protective clothing, gloves, boots, and safety glasses.
In case of no risk, remove the material out of the fireplace.

Unusual fire and explosion hazard

The substance may give off toxic and irritating fumes if heated to decomposition.

Section 6: Accidental release measures

STEPS TO BE TAKEN IF SPILLED OR LEAKED

Wear self-contained breathing apparatus and suitable protective clothing.
Cover with dry sand or vermiculite, mix, sweep or scoop into a properly marked metal container, close the container tightly, and submit or retain for disposal.
Carefully wash the area affected with soap and water.

WASTE DISPOSAL

Disposal should be in accordance with local, state and national legislation.



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Section 7: Handling and storage

The usual precautions for handling chemicals should be observed.
Keep at all times in a cool, dry, and well-ventilated place with tight sealing.
Store in opaque or light protective containers only.

Section 8: Exposure controls/personal protection

Personal Protection

Wear rubber gloves, suitable boots, chemical-resistant apron and safety glasses or goggles providing complete eye protection.
Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.
Wash thoroughly after handling.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Soft white odourless powder in crystalline form.

Formula	C ₁₄ H ₁₀ O ₆ Pb
Molecular weight	207.2
Radio-opaque	
Boiling point	1740°C at 1013hPa
Melting point	327.5°C
Density	11.33 g/cm ³ @ 20°C
Vapour pressure	1.33hPa at 973°C
Solubility in water	negligible
Lead content	43.0% min.
Salicylic Acid content	55.4% min.
Volatile matters	0.25% max.

Section 10: Stability and Reactivity

10.1 Reactivity

No data available

10.2 Chemical Stability

The substance is moderately stable and hazardous polymerization will not occur

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Strong oxidizers, active metals.

10.6 Hazardous decomposition products

Carbon oxides, lead oxides.

Section 11: Toxicological Information

Acute toxicity:

Components: Lead Salicylate

Selected LD50s and LC50s not determined.

Chronic exposure may cause nausea and vomiting, higher exposure may cause unconsciousness.



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Symptoms of overexposure may include red skin and moderate edema, nausea, vomiting and headache. Chronic exposure may cause carcinogenic effects. Reprotoxic category 1 corresponds to substances known to cause development of toxicity in humans. No other data available.

Section 12: Ecological Information

Ecotoxicity

Fish species data

LC50 (96hr) brook trout: 4.1mg/L;

LC50 (96hr) fathead minnow: 6.5mg/L

Water flea data

LC50 (48hr) water flea: 600µg/L;

The substance may cause long-term adverse effects in the aquatic environment.

No other data available.

Section 13: Disposal considerations

Disposal should be in accordance with local, state and national legislation. Do not re-use empty containers.

Section 14: Transport Information

This material is classified as dangerous goods by DOT (US) IMDG and IATA for transportation.

UN Number	2291
Shipping Name	Lead compound, soluble, n.o.s.
Hazard Label	Toxic
Hazard Class	6.1
Packing Group	III

Environmental hazards

ADR/RID:	Yes
IMDG Marine pollutant	Yes
IATA:	No
Special precautions for user:	No data available

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

Section 15: Regulatory Information

Inventory controls	
Korean KECL	KE-21887
U.S.A.	TSCA-Sect.8(b)
Japan inventory	301577
OSHA Hazards:	Carcinogen, reproductive hazard
DSL Status:	All components of this product are on the Canadian NDSL list.
Chemical Test Rules:	Not applicable



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SARA Section 302:	None is subject to the reporting requirements of SARA Title III, Section 302.
Section 313 Components:	Lead Disalicylate (CAS Number 15748-73-9)
SARA 311/312 Hazards:	Chronic Health Hazard
Massachusetts Right to Know Components:	No component are subject to Massachusetts Right to Know Act.
Pennsylvania Right to Know Components:	Lead Disalicylate (CAS Number 15748-73-9)
New Jersey Right to Know Components:	Lead Disalicylate (CAS Number 15748-73-9)
California Prop 65:	This product contains a chemical known in the State of California to cause cancer. Lead Disalicylate (CAS Number 15748-73-9)

Section 16: Other Information

Further information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

