




<a href="#">Lead(II) Salicylate</a>		<a href="#">Pricing &gt;</a>
Signal Word	Danger	
Hazard Statements	H302-H332-H360Df-H373-H410	
Hazard Codes	T, N	
Precautionary Statements	P201-P202-P260-P264-P270-P271-P273-P280-P301+P312+P330-P304+P340+P312-P308+P313-P391-P405-P501	
Risk Codes	61-20/22-33-50/53-62	
Safety Statements	53-45-60-61	
RTECS Number	N/A	
Transport Information	UN 2291 6.1/PG III	
WGK Germany	3	
GHS Pictograms	<a href="#">GHS07 Exclamation Point</a>  <a href="#">GHS08 Health Hazard</a>  <a href="#">GHS09 Environment</a> 	

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## SAFETY DATA SHEET

Date Accessed: 05/03/2024

Date Revised: 01/15/2022

### SECTION 1. IDENTIFICATION

**Product Identifiers:** All applicable American Elements product codes for CAS #15748-73-9

**Relevant identified uses of the substance:**  
Scientific research and development

Supplier details:  
American Elements  
10884 Weyburn Ave.  
Los Angeles, CA 90024  
Tel: +1 310-208-0551  
Fax: +1 310-208-0351

Emergency telephone number:  
Domestic, North America +1 800-424-9300  
International +1 703-527-3887

### SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture  
GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Acute toxicity, Oral (Category 4), H302  
Acute toxicity, Inhalation (Category 4), H332  
Reproductive toxicity (Category 1A), H360  
Specific target organ toxicity - repeated exposure  
(Category 2), H373  
Short-term (acute) aquatic hazard (Category 1), H400  
Long-term (chronic) aquatic hazard (Category 1),  
H410



Signal word: Danger

Hazard statement(s)

H302 + H332 Harmful if swallowed or if inhaled.

H360 May damage fertility or the unborn child.

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

H410 Very toxic to aquatic life with long lasting  
effects.

Precautionary statement(s)

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have  
been read and  
understood.

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

P264 Wash skin thoroughly after handling.

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

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

P273 Avoid release to the environment.

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

P301 + P312 + P330 IF SWALLOWED: Call a  
POISON CENTER/ doctor if you feel  
unwell. Rinse mouth.

P304 + P340 + P312 IF INHALED: Remove person to  
fresh air and keep comfortable  
for breathing. Call a POISON CENTER/ doctor if you  
feel unwell.

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

P391 Collect spillage.

P405 Store locked up.

P501 Dispose of contents/ container to an approved  
waste disposal  
plant.

Hazards not otherwise classified (HNOC) or not  
covered by GHS - none

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### **SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

Substances

Formula : C<sub>14</sub>H<sub>10</sub>O<sub>6</sub>Pb

Molecular weight : 481.43 g/mol

CAS-No. : 15748-73-9

EC-No. : 239-839-4

Index-No. : 082-001-00-6

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### **SECTION 4. FIRST AID MEASURES**

Description of first-aid measures

General advice

Consult a physician. Show this material safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

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. Consult a physician.

Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

Indication of any immediate medical attention and special treatment needed

No data available

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### **SECTION 5. FIREFIGHTING MEASURES**

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, Lead oxides

Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

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## **SECTION 6. ACCIDENTAL RELEASE MEASURES**

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust.

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

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## **SECTION 7. HANDLING AND STORAGE**

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols.

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities

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

Keep in a dry place.

Storage class (TRGS 510): 6.1D: Non-combustible, acute toxic Cat.3 / toxic hazardous materials or hazardous materials causing chronic effects

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## **SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Exposure controls

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Personal protective equipment

Eye/face protection

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 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.

#### Body Protection

Complete suit protecting against chemicals, The type  
of protective equipment must

be selected according to the concentration and  
amount of the dangerous substance

at the specific workplace.

#### Respiratory protection

Where risk assessment shows air-purifying respirators  
are appropriate use a fullface

particle respirator type N100 (US) or type P3 (EN 143)  
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).

Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do  
not let product enter drains.

Discharge into the environment must be avoided.

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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form: powder

Color: off-white

Odor No data available

Odor Threshold No data available

pH No data available

Melting point/freezing point No data available

Initial boiling pointand boiling range No data available

Flash point ( )No data available

Evaporation rate No data available

Flammability (solid, gas) No data available

Upper/lower flammability or explosive limits No data  
available

Vapor pressure No data available

Vapor density No data available

Relative density No data available

Water solubility No data available

Partition coefficient: n-octanol/water No data available  
Autoignition temperature No data available  
Decomposition No data available  
Viscosity temperature No data available  
Explosive properties No data available  
Oxidizing properties No data available

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## **SECTION 10. STABILITY AND REACTIVITY**

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  
Hazardous decomposition products formed under fire conditions. - Carbon oxides, Lead oxides  
Other decomposition products - No data available

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## **SECTION 11. TOXICOLOGICAL INFORMATION**

Acute toxicity  
No data available  
Dermal: No data available  
No data available  
Skin corrosion/irritation  
No data available  
Serious eye damage/eye irritation  
No data available  
Respiratory or skin sensitization  
No data available  
Germ cell mutagenicity  
No data available  
Carcinogenicity  
IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
NTP: RAHC - Reasonably anticipated to be a human carcinogen  
The reference note has

been added by TD based on the background information of the NTP. (Lead disalicylate)

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The reference note has been added by TD based on the background information of the NTP. (Lead disalicylate)

OSHA: No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

Reproductive toxicity

No data available

Known human reproductive toxicant

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard

No data available

Additional Information

RTECS: Not available

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## **SECTION 12. ECOLOGICAL INFORMATION**

Toxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Very toxic to aquatic life.

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## **SECTION 13. DISPOSAL CONSIDERATIONS**

Product

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.  
Contaminated packaging  
Dispose of as unused product.

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## **SECTION 14. TRANSPORT INFORMATION**

UN number: 2291 Class: 6.1 Packing group: III  
Proper shipping name: Lead compounds, soluble, n.o.s. (Lead disalicylate)  
Poison Inhalation Hazard: No  
IMDG  
UN number: 2291 Class: 6.1 Packing group: III EMS-No: F-A, S-A  
Proper shipping name: LEAD COMPOUND, SOLUBLE, N.O.S. (Lead disalicylate)  
Marine pollutant : yes  
IATA  
UN number: 2291 Class: 6.1 Packing group: III  
Proper shipping name: Lead compound, soluble, n.o.s. (Lead disalicylate)

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## **SECTION 15. REGULATORY INFORMATION**

SARA 302 Components  
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.  
SARA 313 Components  
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.  
SARA 311/312 Hazards  
Acute Health Hazard, Chronic Health Hazard  
Massachusetts Right To Know Components  
No components are subject to the Massachusetts Right to Know Act.  
Pennsylvania Right To Know Components  
Lead disalicylate  
New Jersey Right To Know Components  
Lead disalicylate CAS-No. Revision Date  
Aldrich - 544175 Page 9 of 9  
The life science business of Merck KGaA, Darmstadt,



Germany  
operates as MilliporeSigma in the US and Canada  
15748-73-9  
California Prop. 65 Components  
WARNING! This product contains a chemical known  
in  
the State of California to cause cancer. Lead  
disalicylate  
CAS-No.  
15748-73-9  
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the State of California to cause cancer. Lead  
disalicylate  
CAS-No.  
15748-73-9

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## 16. OTHER INFORMATION

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). 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. American Elements shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. COPYRIGHT 1997-2022 AMERICAN ELEMENTS. LICENSED GRANTED TO MAKE UNLIMITED PAPER COPIES FOR INTERNAL USE ONLY.

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