


Antimony Glycolate		Pricing >
Linear Formula	$\text{Sb}_2(\text{C}_2\text{H}_4\text{O}_2)_3$	
Pubchem CID	16684206	
MDL Number	N/A	
EC No.	249-820-2	
IUPAC Name	2,5,7,10,11,14-hexaoxa-1,6-distibabicyclo[4.4.4]tetradecane	
Beilstein/Reaxys No.	N/A	
SMILES	<chem>C1CO[Sb]2OCCO[Sb](O1)OCCO2</chem>	
InchI Identifier	InChI=1S/3C2H4O2.2Sb/c3*3-1-2-4;;/h3*1-2H2;;/q3*-2;2*+3	
InchI Key	JEPVJCOLPSALKN-UHFFFAOYSA-N	
Signal Word	Warning	
Hazard Statements	H319	
Hazard Codes	Xi	
Precautionary Statements	P264-P280-P305+P351+P338-P337+P313	
Risk Codes	N/A	
Safety Statements	N/A	
RTECS Number	N/A	
Transport Information	NONH for all modes of transport	
GHS Pictograms	GHS07 Exclamation Point 	

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SAFETY DATA SHEET

Date Accessed: 05/17/2024

Date Revised: 01/15/2022

SECTION 1. IDENTIFICATION

Product Identifiers: All applicable American Elements product codes for CAS #29736-75-2

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 according to Regulation (EC) No.
1272/2008 [CLP]
Serious eye damage/eye irritation, Category 2 H319



Signal word (CLP) : Warning
Hazard statements (CLP) :
H319 - Causes serious eye irritation.
Precautionary statements (CLP) :
P280 - Wear protective gloves/protective clothing/eye
protection/face protection.
P264 - Wash hands thoroughly after handling.
P305+P351+P338 - IF IN EYES: Rinse cautiously
with water for several minutes. Remove contact
lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical
advice/attention

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance type : Mono-constituent
Name : Poly(ANTIMONY ETHYLENE GLYCOXIDE)
CAS-No. : 29736-75-2
EC-No. : 249-820-2

SECTION 4. FIRST AID MEASURES

First-aid measures general:
Remove contaminated clothing and shoes. In case of
accident or if you feel unwell, seek medical advice
immediately (show the label where possible). If
possible show this sheet; if not available show
packaging or label.
First-aid measures after inhalation:
Remove person to fresh air and keep comfortable for

breathing. If you feel unwell, seek medical advice.
First-aid measures after skin contact:
Wash with plenty of water/.... Get medical advice/attention.
First-aid measures after eye contact:
Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.
First-aid measures after ingestion:
Never give anything by mouth to an unconscious person. Get medical advice/attention.
Most important symptoms and effects, both acute and delayed
Symptoms/effects after inhalation:
May cause irritation to the respiratory tract.
Symptoms/effects after skin contact:
May cause skin irritation.
Symptoms/effects after eye contact:
Causes serious eye irritation.
Symptoms/effects after ingestion:
May be harmful if swallowed.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media:
Foam. Carbon dioxide. Dry chemical.
Unsuitable extinguishing media : Avoid water spray as n-butanol will be generated.
Special hazards arising from the substance or mixture
Fire hazard:
Irritating fumes and organic acid vapors may develop when material is exposed to elevated temperatures or open flame.
Advice for firefighters
Firefighting instructions:
Exercise caution when fighting any chemical fire.
Protection during firefighting:
Do not enter fire area without proper protective equipment, including respiratory protection. Avoid contact with skin and eyes. Do not breathe dust.

SECTION 6. ACCIDENTAL RELEASE MEASURES

For non-emergency personnel
Protective equipment:
Wear protective equipment as described in Section 8.
Emergency procedures:
Evacuate unnecessary personnel.
For emergency responders

Protective equipment:

Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8:

"Exposure controls/personal protection".

Environmental precautions:

Notify authorities if product enters sewers or public waters. Prevent entry to sewers and public waters.

Methods and material for containment and cleaning up

For containment :

Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up:

Sweep or shovel spills into appropriate container for disposal.

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling:

Avoid contact with skin and eyes. Do not breathe dust. Avoid dust formation. Do not allow dust to accumulate in work areas. Provide local exhaust or general room ventilation to minimize exposure to dust.

Hygiene measures:

Wash contaminated clothing before reuse. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Conditions for safe storage, including any incompatibilities

Storage conditions:

Keep container tightly closed.

Incompatible materials:

Water.

Storage area:

Store in a well-ventilated place. Store away from heat.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Appropriate engineering controls:

Provide local exhaust or general room ventilation.

Personal protective equipment:

Avoid all unnecessary exposure. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Hand protection:

Neoprene or nitrile rubber gloves
Eye protection:
Chemical goggles. Contact lenses should not be worn
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
Where exposure through inhalation may occur from use, respiratory protection equipment is recommended. NIOSH-certified dust and mist (orange cartridge) respirator.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Solid
Appearance : Solid.
Molecular mass : 423.67 g/mol
Colour : White.
Odour : No data available
Odour threshold : No data available
Refractive index : No additional information available
pH : No data available
Relative evaporation rate (butylacetate=1) : No data available
Melting point : > 100 °C decomposes
Freezing point : No data available
Boiling point : No data available
Flash point : > 110 °C
Auto-ignition temperature : No data available
Decomposition temperature : No data available
Flammability (solid, gas) : No data available
Vapour pressure : No data available
Relative vapour density at 20 °C : No data available
Relative density : No data available
Solubility : Reacts with water.
Log Pow : No data available
Log Kow : No data available
Viscosity, kinematic : No data available
Viscosity, dynamic : No data available
Explosive properties : No data available
Oxidising properties : No data available
Explosive limits : No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity:
No additional information available
Chemical stability:
Stable.
Possibility of hazardous reactions:
Material decomposes slowly in contact with air by

reaction with moisture, liberating n-butanol and antimony oxide.

Conditions to avoid:

Heat. Open flame. Sparks.

Incompatible materials:

Water.

Hazardous decomposition products:

Antimony oxide fumes. Organic acid vapors.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity : Not classified

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes serious eye irritation.

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

Symptoms/effects after inhalation : May cause irritation to the respiratory tract.

Symptoms/effects after skin contact : May cause skin irritation.

Symptoms/effects after eye contact : Causes serious eye irritation

Symptoms/effects after ingestion : May be harmful if swallowed.

Reason for classification : Expert judgment

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Acute aquatic toxicity : Not classified

Chronic aquatic toxicity : Not classified

Persistence and degradability

No additional information available

Bioaccumulative potential

No additional information available

Mobility in soil

No additional information available

Results of PBT and vPvB assessment

No additional information available

Other adverse effects

Other adverse effects : This substance may be hazardous to the environment

SECTION 13. DISPOSAL CONSIDERATIONS

Sewage disposal recommendations : Do not dispose of waste into sewer.

Product/Packaging disposal recommendations :

Dispose of solid materials or residues at a licensed site. Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment.

SECTION 14. TRANSPORT INFORMATION

UN number

In accordance with ADR / RID / IMDG / IATA / ADN

UN number

UN-No. (ADR) : Not applicable

UN-No. (IMDG) : Not applicable

UN-No. (IATA) : Not applicable

UN-No. (ADN) : Not applicable

UN-No. (RID) : Not applicable

UN proper shipping name

Proper Shipping Name (ADR) : Not applicable

Proper Shipping Name (IMDG) : Not applicable

Proper Shipping Name (IATA) : Not applicable

Proper Shipping Name (ADN) : Not applicable

Proper Shipping Name (RID) : Not applicable

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

Packing group

Packing group (ADR) : Not applicable

Packing group (IMDG) : Not applicable

Packing group (IATA) : Not applicable

Packing group (ADN) : Not applicable

Packing group (RID) : Not applicable

Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

Special precautions for user

- Overland transport

No data available
- Transport by sea
No data available
- Air transport
No data available
- Inland waterway transport
No data available
- Rail transport
No data available
Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable

SECTION 15. REGULATORY INFORMATION

EU-Regulations

No REACH Annex XVII restrictions

Poly(ANTIMONY ETHYLENE GLYCOXIDE) is not on the REACH Candidate List

Poly(ANTIMONY ETHYLENE GLYCOXIDE) is not on the REACH Annex XIV List

Poly(ANTIMONY ETHYLENE GLYCOXIDE) is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Poly(ANTIMONY ETHYLENE GLYCOXIDE) is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

National regulations

Germany

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV

: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen : The substance is not listed

SZW-lijst van mutagene stoffen : The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding

: The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid

: The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling

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.
