



Safety Data Sheet

For Compliance with OSHA 29 CFR 1910.1200 and ANSI Z400.1-1998

Bismuth Subcarbonate USP

30-1119

Section 1: Identification

Product Name Bismuth Subcarbonate USP

Commercial Name Not available

Product Use Not available

Restrictions On Use Not available

Product Code 30-1119

Company PCCA
9901 South Wilcrest
Houston, TX 77099
Phone: 1-800-331-2498
Fax: 1-800-874-5760

In case of emergency contact:
CHEMTREC (24hr) 1-800-424-9300

Section 2: Hazard(s) Identification

OSHA Haz Com: Not available
CFR 1910.1200

Signal Word NON-HAZARDOUS

Hazard Statement(s) May cause eye irritation. May cause skin irritation.

Pictogram(s) or Symbol(s)

Precautionary Statement(s):

Prevention	Not available
Response	Not available
Storage	Not available
Disposal	Not available

Section 3: Composition/Information on Ingredients

Substance/Mixture Substance

Components Bismuth subcarbonate

% By Weight 100

CAS# 5892-10-4

Molecular Weight 509.97 g/mole

Chemical Formula (BiO)₂CO₃

Synonym(s) Bismuth carbonate, basic; bismuth oxycarbonate

Mixtures

Name	CAS#	% by Weight	TLV/PEL	LC50/LD50
Bismuth subcarbonate	5892-10-4	100	Not available.	Not available.



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Section 4: First-Aid Measures

Inhalation	Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.
Skin Contact	If contact, flush skin with plenty of soap and water.
Eye Contact	Flush eyes. with plenty of water as a precaution.
Ingestion	If victim is conscious and alert, give water to rinse mouth. Do NOT induce vomiting. NEVER give anything by mouth to an unconscious person.

Symptoms/Effects

Acute	Not available
Delayed	Not available

Immediate Medical Attention

Treat symptomatically and supportively.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media

Use water spray, dry chemical, Carbon dioxide or alcohol-resistant foam.

Unsuitable Extinguishing Media

Not applicable.

Products of Combustion

Carbon dioxides, Bismuth oxides.

Firefighters Special Equipment and Precautions

Wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH approved or equivalent and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Section 6: Accidental Release Measures

Use proper PPE as indicated in Section 8. Spills/Leaks: vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

Section 7: Handling and Storage

Wash thoroughly after handling. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid breathing dust, vapor, mist or gas. Avoid contact with eyes skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation. Storage: Store in a tightly closed container & cool, dry, well-ventilated area away from incompatible substances.

Section 8: Exposure Controls/Personal Protection

Exposure Limits	Not available.
Engineering Controls	Facilities storing or utilizing this material should be equipped with an eyewash facility and safety shower. Use adequate ventilation to keep airborne concentrations low.
Personal Protection	Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133. Skin: Wear appropriate protective gloves to prevent skin exposure. Clothing: Wear appropriate clothing to prevent skin exposure. Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134. Always use a NIOSH approved respirator when necessary.

Section 9: Physical and Chemical Properties

Appearance	Fine white to pale yellow powder.		
Odor	Not available		
Odor Threshold	Not available		
Melting Point	Not available	pH	Not available
Freezing Point	Not available.	Vapor Pressure	Not applicable.
Boiling Point/Range	Not available	Vapor Density	Not available.
Decomposition temperature	Not available	Viscosity	Not available.
Partition Coefficient: n-octanol/water	Not available	Evaporation Rate	Not available.
Flash Point	Not applicable.	Autoignition temperature	Not available
Flammability	Not available	Flammability or Explosive Limits:	
		Lower	Not available
		Upper	Not available
Solubility(ies)	Insoluble in water.		
Other	Not available.		

Section 10: Stability and Reactivity

Reactivity	Not available
Chemical Stability	The product is stable at room temperature in closed containers under normal storage and handling conditions
Hazardous Polymerization	Will not occur
Conditions to Avoid	Not available.
Incompatible Materials	Strong acids and strong oxidizer
Hazardous Decomposition Products	Not available

Section 11: Toxicological Information

RTECS	Not available.
Acute Toxicity	
LD50: Not available. LC50: Not available.	
Skin Corrosion/Irritation	
Not available	
Serious Eye Damage/Irritation	
Not available	
Respiratory or Skin Sensitization	
Not available	
Germ Cell Mutagenicity	
Not available	
Carcinogenicity	
Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA	
Reproductive Toxicity	
Not available	
Routes of Entry	
Not available	



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Symptoms Related to Exposure

Not available

Potential Health Effects

Not available.

Target Organ(s)

Not available

Section 12: Ecological Information

Ecotoxicity

Not available.

Persistence and Degradability

Not available

Bioaccumulative Potential

Not available

Mobility in Soil

Not available

Other Adverse Effects

Not available

Section 13: Disposal Considerations

Waste Disposal

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US epa guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generatros must consult state and local hazardous waste regulations to ensure complete and accurate classification.

Disposal of Container

Not available

Other Considerations

Not available

Section 14: Transport Information

DOT Classification

DOT Not a DOT controlled material (United States). This material is not classified dangerous good according to international transportation regulations (ADR/RID-IMDG-ICAO/IATA).

Section 15: Regulatory Information

Regulations

Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQs) and release reporting based on Reportable Quantities (RQs) in 40 CFR 355 (used for SARA 302, 304, 311 and 312). Components present in this product at a level which could require reporting under the statute are: NONE Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires submission of annual report release of toxic chemicals that appear in 40 CFR 372 (used for SARA 313). This information must be included in all MSDSs that are copied and distributed for this material. Components present in this product at a level which could require reporting under the statute are: NONE;Pennsylvania Right-To-Know, Hazardous substance List, Hazardous Substances and Special hazardous Substances on the list must be identified when present in products. Components present in this product at a level which could require reporting under the statute are: NONE Massachusetts Right-To-Know, Substance List (MSL) Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products. Components present in this product at a level which could require reporting under the statute are: NONE Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal or greater than the reportable quantities (RQs) in 40 CFR 302.4. Components present in this product at a level which could require reporting under the statute are: NONE

Other



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WHMIS CLASS D-2B: Material causing other toxic (Canada) effects (TOXIC).;DSCL (EEC) R38- Irritating to skin. R41- Risk of serious damage to eyes.;Gloves.;Lab coat.;Dust respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate.;Splash goggles.

Section 16: Other Information

Not available.