

Bismuth Oxychloride

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /
March 26, 2012 / Rules and Regulation

Revision Date: 06-Oct-2023
Supersedes: 14-Jun-2023

1 PRODUCT & COMPANY IDENTIFICATION

Product Name:	Bismuth Oxychloride	Distributor:	MakingCosmetics.com Inc.
Synonyms:	No data available	Address:	10800 231 st Way NE Redmond, WA 98053 (USA)
INCI Name:	Bismuth Oxychloride, Mica	Phone / Fax:	425-292-9502 / 425-292-9601
CAS Number:	7787-59-9, 12001-26-2	Web:	www.makingcosmetics.com
Formula:	Not available	Emergency Telephone Number:	1-800-424-9300 (Chemtrec)
Product Form:	Powder		
Product Use:	Cosmetic use		

2 HAZARDS IDENTIFICATION

GHS Signal Word:	No data available												
GHS Classification:	Not a dangerous substance according to GHS												
GHS Hazard Pictograms:	No data available												
GHS Hazard Statements:	No data available												
GHS Precautionary Statements:	No data available												
Potential Health Hazards:	Eyes: Eye contact may cause eye irritation. Inhalation: Lungs - Prolonged inhalation may cause respiratory irritation, including chronic pulmonary fibrosis with repeated exposure Skin: May be irritant. Ingestion: May be irritant.												
NFPA Ratings (704):	<table border="0"> <tr> <td>Health</td> <td>1</td> <td>SLIGHT</td> </tr> <tr> <td>Flammability</td> <td>0</td> <td>MINIMAL</td> </tr> <tr> <td>Reactivity</td> <td>0</td> <td>MINIMAL</td> </tr> <tr> <td>Specific Hazard</td> <td>n/a</td> <td></td> </tr> </table>	Health	1	SLIGHT	Flammability	0	MINIMAL	Reactivity	0	MINIMAL	Specific Hazard	n/a	
Health	1	SLIGHT											
Flammability	0	MINIMAL											
Reactivity	0	MINIMAL											
Specific Hazard	n/a												

3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
Bismuth Oxychloride	7787-59-9	19-21%	260.43 g/mol
Mica	12001-26-2	79-81%	800.9 g/mol

4 FIRST AID MEASURES

Eyes:	In case of eye contact, rinse with plenty of water for at least 15 minutes and seek medical attention if necessary
Inhalation:	Move casualty to fresh air and keep at rest. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention if necessary.
Skin:	Flush with plenty of water and wash using soap.
Ingestion:	Incidental ingestion in cosmetic products such as lipstick, may be approved by the FDA, the EU and the Japanese Health Ministry, it is up to the formulating client to determine suitability for any specific application. If large quantities are ingested, Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. If victim is conscious and alert, give 2-4 cups of milk or water and get medical attention.

5 FIRE-FIGHTING MEASURES

Suitable (and unsuitable) extinguishing media:	Not combustible Use appropriate media (foam, carbon dioxide, dry chemical) for adjacent fire. Do not use water.
Special protective equipment & precautions for firefighters:	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.

Flash Points: No data available
Specific hazards arising from the chemical: May emit toxic fumes under fire conditions. See also Stability and Reactivity section.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures: See section 8 for recommendations on the use of personal protective equipment.
Environmental precautions: Not available
Methods and material for containment and cleaning up: Sweep up and place in suitable, closed containers for disposal. Clean surfaces thoroughly with water to remove residual contamination. Dispose of all waste and cleanup materials in accordance with regulations.

7 HANDLING & STORAGE

Precautions for safe handling: See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.
Conditions for safe storage, incl. any incompatibilities: Store in cool, dry well ventilated area. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Component</u>	<u>Exposure Limits</u>	<u>Basis</u>	<u>Entity</u>
Iron Oxide group minerals	10 mg/m ³	PEL Fumes/smoke	OSHA
	5mg/m ³	TWA Respirable fraction	ACGIH
Titanium Dioxide	15/mg/m ³	PEL Total Dust	OSHA
	10mg/m ³	TWA	ACGIH
Mica-group minerals	20 millions of particles per cubic foot of air	TWA	OSHA
	3mg/m ³	TWA Respirable fraction	ACGIH

TWA: Time Weighted Average over 8 hours of work.
 TLV: Threshold Limit Value over 8 hours of work.
 REL: Recommended Exposure Limit
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.
 IDLH: Immediately Dangerous to Life or Health
 WEEL: Workplace Environmental Exposure Levels
 CEIL: Ceiling

Personal Protection:

Eyes: Wear chemical safety glasses or goggles.
Inhalation: When handling large quantities, use dust respirator.
Body: Plastic or rubber gloves and plastic or rubber apron. Slip proof shoes may be worn where spills may occur.
Other: Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Physical State:	Lustrous powder	Vapor Pressure:	Not Determined
Odor:	Odorless	Vapor Density:	No data available
Taste:	No data available	Evaporation Rate:	No data available
Color:	White	Flammability:	Not Combustible
Molecular Weight:	260.43 g/mol	Auto-Ignition Temp:	NA > 900C
pH:	5.0-7.0	Flash Point:	No data available
Boiling Point:	No data available	Specific Gravity:	3.6-4.2 (Water = 1)
Melting Point:	No data available	Solubility:	Insoluble in water
Particle Size:	34-39um	Bulk Density:	0.2 - 0.4 g/cm ³

10 STABILITY AND REACTIVITY

Reactivity:	Product is stable
Chemical Stability:	Product is stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Use with adequate ventilation, minimize dust
Incompatible Materials:	None known
Hazardous Decomposition Products:	None known

11 TOXICOLOGICAL INFORMATION

Acute Toxicity:	Not available
Skin:	Not available
Eyes:	Not available
Respiratory:	Not available
Ingestion:	Not available
Carcinogenicity:	Not available
Teratogenicity:	Not available
Germ Cell Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific Target Organ Toxicity:	Not available
Reproductive Toxicity:	Not available
Respiratory/Skin Sensitization:	Not available

This product is manufactured to a high degree of purity, is inert and has good chemical stability. The results of animal testing of materials used in this product indicate no toxicological relevant properties.

12 ECOLOGICAL INFORMATION

Ecotoxicity	Not available
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available
PBT and vPvB Assessment:	Not available
Other Adverse Effects:	Not available

13 DISPOSAL CONSIDERATIONS

Waste Residues: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

Product Containers: Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

14 TRANSPORT INFORMATION

DOT (Dept. of Transportation, USA):	Not regulated
TDG (Transportation of Dangerous Goods, Canada):	Not regulated
IMDG (International Maritime Dangerous Goods):	Not regulated
IATA (International Air Transport Association):	Not regulated
ICAO (International Civil Aviation Organization):	Not regulated

15 REGULATORY INFORMATION

TSCA Inventory Status:	On the inventory, or non-compliance with the inventory
AICS:	On the inventory, or non-compliance with the inventory
DSL:	On the inventory, or non-compliance with the inventory

ENCS (JP):	On the inventory, or non-compliance with the inventory
KECI (KR) Status:	On the inventory, or non-compliance with the inventory
PICCS (PH) Status:	On the inventory, or non-compliance with the inventory
INV (CN) Status	On the inventory, or non-compliance with the inventory
SARA 313 Regulated Chemical(s):	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.
California Prop 65:	N/A
PA Right to Know Regulated Chemical(s):	Possible substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Titanium dioxide, Silicon dioxide, amorphous
Section 313 Toxic Chemicals:	None present or none present in regulated.

16 OTHER INFORMATION

Revision Date:	06-Oct-2023
Compliance:	This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200
Disclaimer:	This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.