



## Material Safety Data Sheet(MSDS)

Product name : **Glass Bottle**  
Model: : **30ml**  
Prepared for : **Guangzhou BaoMo Crystal Glass Co.,Ltd**  
Address : **Room 5117, Lianming Business Central, No 151 GuangYuanZhong Road, BaiYun District, Guangzhou**  
Prepared by : **Shenzhen BKC Testing Co., Ltd.**  
Address : **6/F, Building 3, Zhouteng Industrial Park, Nanwan Street, Longgang District, Shenzhen, Guangdong, China**  
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Prepared by  
Mila Zhou

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*Mila Zhou*

Reviewer by  
Vincent Mei

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*Vincent Mei*

Approved by  
Corbin Wang

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**Section 1 – Chemical Product and Company Identification**

<b>Product name:</b>	Glass Bottle
<b>Company:</b>	Guangzhou BaoMo Crystal Glass Co.,Ltd
<b>Address:</b>	Room 5117, Lianming Business Central, No 151 GuangYuanZhong Road, BaiYun District, Guangzhou
<b>Post code:</b>	510080
<b>Email:</b>	ily@baomoglass.com
<b>Tel:</b>	18826461732
<b>Fax:</b>	-
<b>Emergency phone:</b>	18826461732
<b>MSDS Number:</b>	BKC-191203913R
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**Section 2 – Hazards Identification**

<b>Appearance/Odor</b>	Solid. No odor.
<b>Emergency Overview:</b>	Product may have sharp edges. Improper handling may cause lacerations. Flat glass products in their normal state do not present an inhalation or ingestion hazard. Fabrication operations such as cutting, grinding, seaming, edging or breaking may result in the release of airborne dust which may present a health hazard.
<b>Likely Routes of Exposure:</b>	Direct skin contact and/or inhalation of dust.
<b>Potential Health Effects:</b>	See Section 11
<b>Chronic Signs and Symptoms of Overexposure:</b>	No known specific disease associated with chronic exposure.
<b>Carcinogenicity:</b>	Not listed in IARC, OSHA, or NTP.
<b>Medical Conditions Generally Aggravated by Exposure:</b>	None during normal handling of glass. Persons with impaired respiratory function or pre-existing skin disorders may be more susceptible to exposure of dust if cutting or grinding glass.
<b>Other:</b>	The coatings of the coated glasses listed in section 1 are all based on stable oxide materials, listed in section 3. These oxides are an integral part of the glass product and there is no separate exposure. Note that X-ray diffraction analysis has demonstrated that all the silica (SiO <sub>2</sub> ) deposited on the glass is non-crystalline and as such does not pose a risk of silicosis.

**Section 3 – Composition/Information on Ingredient**

Product name: Glass Bottle			
Ingredient	Concentration	CAS NO.	EC No.
Quartz sand	13%	14808-60-7	215-683-2
Soda ash	12%	7542-12-3	231-420-4
Sodium nitrate	12%	15621-57-5	231-554-3
Sodium borate	12%	1330-43-4	215-540-4
Threesome powder	5%	-	-
Manganese powder	17%	7439-96-5	231-105-1
Iron oxide red	9%	1332-37-2	215-570-8
Ice crystal powder	2%	-	-
Feldspar powder	8%	12003-63-3	234-432-8
Other	10%	-	-

**Section 4 – First Aid Measures****Eye:**

Wash out immediately with large volumes of water. If necessary, contact physician

**Skin:**

Wash with soap and water. Do not rub.

**Inhalation:**

None.

**Ingestion:**

None

**Section 5 – Fire Fighting Measures**

<b>Flash Point:</b>	Not applicable	<b>Extinguishing Media:</b>	Not applicable
<b>Flammable Limits</b>	Not applicable	<b>Special Fire-Fighting Procedures:</b>	Not applicable
<b>Auto Ignition Temperature:</b>	Non-fammable.	<b>Unusual Fire and Explosion Hazards:</b>	Not applicable



## Section 6 – Accidental Release Measures

**Personal Precautions:**

Safety glasses/goggles recommended to protect eyes in the event of breakage.

**Steps Taken in Case Material is Released/Spilled:**

Not applicable

**Waste Disposal Methods:**

Not considered a hazardous waste. (Consult Federal, State and local regulations). Recycle wherever appropriate facilities exist.

## Section 7 – Handling and Storage

**Handling:** Use proper material handling equipment to avoid accidental breakage. Ensure product is handled with proper PPE to avoid lacerations. Stand out of the danger zone when moving glass.

**Storage:** Secure glass against breaking, falling, impact and vibrations.

## Section 8 – Exposure Controls, Personal Protection

The greatest risk in the handling and storage of glass is through laceration. Appropriate precautions to prevent the risk of this should be taken, e.g. eye protection, cuffs, gloves, foot protection, head protection if handling above head height, etc.

**Respiratory Protection:**

Respiratory protection is not required under normal use of this product where there are no cutting or grinding operations that may generate dust.

Respiratory protection may be necessary if engineering controls are not used to reduce dust generation during cutting or grinding operations. If respiratory protection is deemed necessary from exposure monitoring data, follow OSHA regulation 29 CFR 1910, 134 or other local regulations. Always use a NIOSH or other approved respirator when necessary.

**Specified Type:**

NIOSH/MSHA/CEN approved for particulates.

**Ventilation:**

Use local exhaust as required to maintain dust below TLV or PEL.

**Protective Gloves:**

Anti-lacerative gloves recommended.

**Eye Protection:**

Goggles or face shield

**Other Protective Clothing or Equipment:**

Glass handlers' cuffs, chaps, and apron.

**Work/Hygienic Practices:**

Use wet methods during grinding or cutting to reduce dust.

**Section 9 – Physical and Chemical Properties**

<b>Appearance and properties:</b>	Brown solid
<b>Odor:</b>	Odorless
<b>pH:</b>	Not applicable
<b>Melting point/freezing point:</b>	>2000° F, >1100° C
<b>Boiling point:</b>	No information available
<b>Burning / explosion upper and lower limits:</b>	No information available
<b>Vapor Pressure (mm Hg):</b>	Not applicable
<b>Vapor density:</b>	Not applicable
<b>Density:</b>	No information available
<b>Solubility in Water:</b>	Insoluble
<b>Volatility:</b>	Not applicable
<b>Autoignition temperature:</b>	No information available
<b>Decomposition temperature:</b>	No information available
<b>Specific Gravity (H2O) = 1:</b>	2.45
<b>Evaporation Rate (BuAc=1):</b>	Not applicable

**Section 10 – Stability and Reactivity**

<b>Stability:</b>	Stable.
<b>Incompatibility (Materials to avoid):</b>	None known.
<b>Hazardous Decomposition Products:</b>	None.
<b>Hazardous Polymerization:</b>	Will not occur.
<b>Conditions to Avoid:</b>	None known.

**Section 11 – Toxicological Information**

Flat glass products in their normal state do not present an inhalation or ingestion hazard. Fabrication operations such as cutting, grinding, seaming, edging or breaking may result in the release of airborne dust which may present a health hazard. Dust generated during breakage or fabrication of this product is an amorphous silicate and should be considered a "nuisance particulate."

## US Regulation

Component	CAS No.	PEL	TLV
Particulate - Not otherwise regulated	6599717-3	15 mg/m <sup>3</sup> (total)	10 mg/m <sup>3</sup> (inhalable)
		5 mg/m <sup>3</sup> (respirable)	3mg/m <sup>3</sup> (respirable)



### Section 12 – Ecological Information

No adverse effects recorded or foreseen.

### Section 13 – Disposal Considerations

Glass and glass dust can be recycled into some new glass products and should be recycled wherever appropriate and possible.

Glass and glass dust is not considered a hazardous waste under USEPA RCRA.

Dispose as an industrial waste per local requirements.

### Section 14 – Transport Information

Glass and glass dust is not a hazardous material under USDOT regulations.

Glass and glass dust is not considered dangerous goods per Canadian DG regulations.

### Section 15 – Regulatory Information

<b>Carcinogenicity:</b>	Glass and glass dust are not listed by IARC, NTP or OSHA.
<b>EPCRA, CERCLA, SARA:</b>	Glass and glass dust are not listed as an Extremely Hazardous Substance under Section 302 and are not listed as a Hazardous Substance under Section 304. The products do not contain any listed Section 313 (40CFR372) chemicals in amounts above the minimum notification levels.
<b>Reportable Quantity (RQ):</b>	Not applicable.
<b>TSCA (USA):</b>	Listed.
<b>Directive 67 548 EC:</b>	Not classified.
<b>Regulation EC 1278/2008:</b>	Not classified.

### Section 16 – Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

\*\*\*\*\* END OF REPORT \*\*\*\*\*