

Guangzhou Bolesi Cosmetic Co., Ltd

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL SUBSTANCE/PRODUCT AND COMPANY IDENTIFICATION

Finished Product Name: Hair Bleaching Powder

Product use: When mixed with solutions containing hydrogen peroxide, bleaches or lightens the colour of hair

Manufacturers/Supplier Identification:

Manufacturer: Guangzhou Bolesi Cosmetic Co., Ltd

Address: No.38 Kengbei Industrial Zone, Changhong Village, Baiyun District, Guangzhou City, Guangdong Province, China

Tel: 86-20-86308482

Fax: 86-20-86308482

In case of medical emergencies, please contact your local poison control center.

Transportation emergency, contact: 86-20-86308482

DATE: 13th October 2016

Update: 10th Jan 2018

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Harmful if swallowed

Risk of serious damage to eyes

Irritating to respiratory system and skin

May cause sensitization by inhalation and skin contact

OSHA Regulatory Status: Consumer Products as defined by the U.S. Consumer Product Safety Act which are used as intended (typical consumer duration and frequency) are exempt from the OSHA Hazard Communication Standard. When used in a professional setting (at a much higher frequency and duration than a typical consumer) this material would be considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

WHMIS: Not subject to WHMIS classification.

POTENTIAL HEALTH EFFECTS:

General Hazards: This is a personal care or cosmetic product that is safe for consumers and other users under normal and reasonably foreseeable use.

Principle Routes of Exposure: Eye Contact. Ingestion. Skin Contact. Inhalation.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

The complete ingredient list for the finished product(s) is as follows:

Chemical Name	CAS-No	Weight %
Potassium Persulphate	7727-21-1	30 - 60
Ammonium Persulphate	7727-54-0	10-15
Sodium Persulphate	7727-53-2	10-15
Silica	112945-52-5	4-8
Sodium Silicate	1344-09-8	6-10
Sodium Metasilicate	6834-92-0	6-12
other ingredients determined not to be hazardous		to 100%

SECTION 4 - FIRST AID MEASURES

General advice: When symptoms persist or in all cases of doubt seek medical advice.

Eye:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Consult a physician. Get medical attention immediately if symptoms occur.

Skin Problem:

If skin problems occur, discontinue use. May cause an allergic skin reaction. Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. If symptoms persist, call a physician.

Inhalation:

Move to fresh air. Get medical attention if irritation persists. May cause allergic respiratory reaction. Get medical attention immediately if symptoms occur.

Ingestion:

If swallowed. Clean mouth with water and afterwards drink plenty of water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Consult a physician.

Protection of First-aiders: Use personal protective equipment.

Most important symptoms/effects, acute and delayed: None known.

Notes to Physician: Treat symptomatically.

SECTION 5 - FIRE FIGHTING MEASURES
Flash Point: No applicable information has been found.
Extinguishing Media: Use chemical foam, dry chemical, carbon dioxide or water.
Extinguishing media which shall not be used for safety reasons: No applicable information has been found.
Special Hazard: These are strong oxidizers and will react vigorously or explosively with many materials including fuels
Special protective equipment for fire-fighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6- ACCIDENTAL RELEASE MEASURES
Personal precautions: Avoid dust formation. Avoid contact with the skin and the eyes.
Advice for emergency responders: Use personal protective equipment.
Environmental precautions:
Household: Do not discharge product into natural waters without pre-treatment or adequate dilution.
Non-household: Should not be released into the environment.
Methods for Containment Non-household: Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.
Methods for Cleaning up Non-household: Avoid dust formation. Clean up promptly by scoop or vacuum. Keep in suitable, closed containers for disposal. Dispose of in accordance with local regulations.

SECTION 7 - HANDLING AND STORAGE
Precautions for Safe Handling:
For Household Settings: Avoid contact with eyes, skin and clothing. Keep out of the reach of children.
For Non-Household Settings: Avoid contamination with combustible organic matter (e.g., oil, sawdust, damp paper towels, etc.), metal, powder or reducing agents. Contamination may cause decomposition, leading to fire.
Conditions for Safe Storage:
For Household Settings: Keep in cool place. Avoid contamination. Keep closed when not in use. Store in the original tightly capped containers away from sunlight, heat, sparks and flame. Do not store any tint, lightener lotion or bleach powder after it has been mixed with developer; the container may rupture. Never return unused material to original container. Empty containers should be rinsed with water before discarding. Keep out of reach of children.
For Non-Household Settings: No unusual handling or storage requirements. Storage in large quantities (as in For Non-Household Settings: Store in a well ventilate, cool area. Avoid contamination. Store in the original tightly capped containers away from sunlight, heat, sparks and flame.
Other Recommendation: None.



SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION				
Chemical Name	ACGIH TLV	OSHA PEL	Ontario TWAEV	British Columbia
Potassium Persulphate	TWA: 0.1mg/m ³	-	TWA: 0.1mg/m ³	TWA: 0.1mg/m ³
Ammonium Persulphate	TWA: 0.1mg/m ³	-	TWA: 0.1mg/m ³	TWA: 0.1mg/m ³
Sodium Persulphate	TWA: 0.1mg/m ³	-	TWA: 0.1mg/m ³	TWA: 0.1mg/m ³
<p>Engineering Measures: Not applicable.</p> <p>Personal Protective Equipment: Eye Protection Safety glasses with side-shields.</p> <p>Hand Protection: Rubber/latex/neoprene or other suitable chemical resistant gloves.</p> <p>Skin and body protection: Wear protective gloves/clothing.</p> <p>Respiratory protection: Use only with adequate ventilation.</p> <p>Thermal hazards: Not applicable.</p> <p>Hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.</p> <p>Environmental Exposure: Controls See Section 6.</p>				

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES	
<p>Color, Odor and Appearance: White Powder with fragrance smell</p>	<p>melting/freezing point: No information available</p> <p>Boiling point/boiling range: No information available</p> <p>Flash Point: No information available</p> <p>Evaporation Rate: No information available</p> <p>flammability (solid, gas): No information available</p>
<p>Physical State: Powder</p>	<p>Boiling Point: >212°F (100°)</p>
<p>pH: 9-10.5</p>	<p>Solubility in Water: slightly insoluble in water.</p>
<p>Flammability Limits in Air Upper Flammability Limit: No information available</p> <p>lower flammability limit: No information available</p> <p>vapor pressure: No information available</p>	<p>% VOC: Complies with Federal and State regulations for VOC content.</p>
<p>Vapor Density: Not applicable.</p>	<p>Specific Gravity: Not applicable.</p>

SECTION 10 - STABILITY AND REACTIVITY
<p>Reactivity: None under normal use conditions.</p> <p>Stability: Stable under normal conditions.</p> <p>Hazardous Polymerization: Hazardous polymerization does not occur.</p> <p>Hazardous Reactions: None under normal processing.</p> <p>Conditions to Avoid: Heat, flames and sparks. Protect from light.</p> <p>Materials to Avoid: Strong reducing agents. Organic material. Alkaline.</p> <p>Hazardous Decomposition Products: None under normal use.</p>
<p>Other Recommendations: None.</p>

SECTION 11 - TOXICOLOGICAL INFORMATION

Product Information: Acute Toxicity Risk of serious damage to eyes. May be harmful if swallowed. Irritating to respiratory system and skin.

Principle Routes of Exposure: Eye Contact. Ingestion. Skin Contact. Inhalation.

Inhalation: Irritating to respiratory system. May cause sensitization by inhalation.

Skin Contact: Irritating to skin. May cause sensitization by skin contact.

Ingestion: Harmful if swallowed.

Eye Contact: Risk of serious damage to eyes.

Chemical Name	LD 50 Oral	LD50 Dermal	LC50 Inhalation
Potassium Persulphate	=802 mg/kg (Rat)	-	-
Sodium Persulphate	=708 mg/kg (Rat)	-	
Sodium Silicate	3400 mg/kg bw (OECD 401, Rat)	>5000 mg/Kg bw (Read across data: Pottassium silicate solution (MR: 2.47), EPA OPPTS 870.1200, rat)	>2.06 mg/L (Read across data: Potassium silicate solution (MR: 2.47), rat)
Ammonium Persulphate	=495 mg/kg (Rat)	-	=520 mg/L (Rat) 1h

Chronic toxicity Corrosivity:

No known effect.

Sensitization: May cause sensitization by inhalation and skin contact.

Neurological Effects: No known effect.

Reproductive toxicity: The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

MUTAGENIC EFFECTS: There are no known mutagenic chemicals in this product.

Developmental Toxicity: No known effect.

Teratogenicity: No known effect.

Carcinogenicity: Contains no ingredients above reportable quantities listed as a carcinogen

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity

Acute Toxicity

Chemical Name	Toxicity to Algae	Toxicity to fish	Toxicity to microorganisms	Toxicity to daphnia and other aquatic invertebrates	Toxicity to other organisms
Sodium Silicate	207 mg/L, (DIN 38412, Teil 9)	1108 mg/L (OECD 203, Brachydanio rerio, MR: 3.46, 34.8%)	>348 mg/L (Pseudomonas putida growth inhibition)	1700mg/L (EU Method C.2, Daphnia magna, static, MR: 3.2 and 35% active)	-
Diammonium Persulphate	-	LC 50 96 h=103 mg/L, Lepomis macrochirus static LC 50 96 h=76.3 mg/L Oncorhynchus mykiss static LC 50 96 h=323 mg/L Poecilia reticulata	-	EC50 48h=120 mg/L, Daphnia magna	-

Persistence and degradability: No information available.

Bioaccumulative potential: No information available.

Mobility: No information available.

Other adverse effects No information available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal should be in accordance with Federal, State/Provincial and Local regulations.

For Household Settings: The following instructions are for consumer use only. Do not discharge product into natural waters without pre-treatment or adequate dilution.

For Non-Household Settings: Products covered by this MSDS, in their original form, when disposed as waste, are considered non hazardous waste according to Federal RCRA regulations (40 CFR 261). Disposal should be in accordance with local, state and federal regulations.

California Waste Code: 331

SECTION 14 - TRANSPORT INFORMATION

General Shipping Information

UN Number: None

UN proper shipping name: None

Dangerous Goods Class: None

Subsidiary Risk: None

Packing Group: None

Finished packaged product transported by ground (DOT): Non hazardous

Finished packaged product transported by air (IATA): Non hazardous

Finished packaged product transported by ship (IMO/IMDG): Non hazardous

SECTION 15 - ADDITIONAL REGULATORY INFORMATION

U.S. Federal

Regulations SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

ingredients	cas#	level
Ammonium Persulphate	7727-54-0	10-15

Other

Perfumes contained within the products covered by this MSDS comply with appropriate IFRA guidance.

SECTION 16 - OTHER INFORMATION

DISCLAIMER: This MSDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by Guangzhou Bolesi Cosmetic Co., Ltd to be dependable and is accurate to the best of the Company's knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. Guangzhou Bolesi Cosmetic Co., Ltd assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.