

Safety Data Sheet

Sample Name: Hair bleach powder

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Compiler: 杨光

Checker: 周磊

Approver: 何红英

Institute of Analysis, Guangdong Academy of Sciences
(China National Analytical Center, Guangzhou)



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Address: Building 34, No. 100, Xianlie Middle Road, Guangzhou, Guangdong, China, 510070
Tel: (008620)37656892, 87683647 Fax: (008620)87685550
Email: ywc@fenxi.com.cn Website: <http://www.fenxi.com.cn>

Safety Data Sheet

Hair bleach powder

1. Product and Manufacturer Identification

Product name	Hair bleach powder		
Synonyms	Bleach powder		
Manufacturer/Supplier	Guangdong Boda Cosmetics Co., Ltd		
Address	No.17, wyzcc, block A04-06 Zhongnan Area, Shunde qingyuan (yingde) Economic Cooperation Zone, Guangdong		
Telephone	+86-18819141639		
E-mail	861451488@qq.com	Post code	520025
SDS No.	WXMS2500185-4 bE	Effective date	May 14, 2025
Emergency phone	+86-13924102626	Contact person	Gao xianqiu

2. Hazards Identification

GHS Hazard Class	Acute toxicity - Oral (Category 4) Skin corrosion/irritation (Category 1B) Eye damage/irritation (Category 1) Skin sensitization (Category 1) Respiratory sensitization (Category 1) STOT-single exposure (Category 3; respiratory tract irritation)		
Pictogram and Signal word	   Danger		
Hazard statement(s)	H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled H335 May cause respiratory irritation.		
Precautionary statement(s)	P233 Keep container tightly closed. P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or with adequate ventilation.		

Precautionary statement(s)	P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/protective clothing/eye protection/face protection. P284 In case of inadequate ventilation wear respiratory protection. P301 + P317 IF SWALLOWED: Get medical help. P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P302 + P352 IF ON SKIN: Wash with plenty of water. P302 + P361 + P354 IF ON SKIN: Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305 + P354 + P338 IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P316 Get emergency medical help immediately. P319 Get medical help if you feel unwell. P321 Specific treatment. P330 Rinse mouth. P333 + P317 If skin irritation or rash occurs: Get medical help. P342 + P316 If experiencing respiratory symptoms: Get emergency medical help immediately. P362 + P364 Take off contaminated clothing and wash it before reuse. P363 Wash contaminated clothing before reuse. P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container to the licensed disposal company.
Explosion hazards	Not combustible but may enhances combustion of other substances.

* Classification according to GHS (Globally Harmonized System of Classification and Labelling of Chemicals) (10th revised edition).

3. Composition/Information on Ingredients

Component(s)	Range % by Wt.	CAS No.
Potassium persulfate	41.35	7727-21-1
Sodium silicate	33.45	1344-09-8
Ammonium persulfate	13.5	7727-54-0
Magnesium carbonate hydroxide	3.0	7760-50-1
Silica	2.0	112945-52-5
Mineral oil	2.0	8042-47-5
Calcium stearate	1.8	1592-23-0
Disodium EDTA	1.6	139-33-3
Hydroxyethyl cellulose	1.0	9004-62-0
Hydrolyzed keratin	0.1	69430-36-0
Glycine	0.1	56-40-6
Aroma	0.1	No data available

4. First Aid Measures

Skin contact	Take off immediately all contaminated clothing. Immediately rinse with water for several minutes. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical help.
Eye contact	Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open. Remove contact lenses, if present and easy to do. Continue rinsing. If experiencing eye irritating symptoms, consult a physician.
Inhalation	Remove person to fresh air and keep comfortable for breathing. If symptoms persist or in all cases of doubt seek medical advice.
Ingestion	Rinse mouth and give large quantities of water to drink. Do NOT induce vomiting. Seek medical attention immediately.

5. Fire Fighting Measures

Types of hazard	Not combustible but may enhances combustion of other substances.
Hazardous combustion products	Non-combustible, substance itself does not burn but may decompose upon heating to produce sulphur oxides, nitrogen oxides(NOx), carbon oxides and other toxic, corrosive and/or irritating fumes.
Fire-fighting measures	Use any means suitable for extinguishing surrounding fire. Suitable extinguishing medial: Water spray, dry chemical, sand, carbon dioxide(CO2) or alcohol-resistant foam, etc.
Additional Information	In the case of fire, wear self-contained breathing apparatus and protective clothing. Avoid contact with eyes and skin. Thermal decomposition can lead to release of irritating gases and vapors. Keep product and empty container away from combustible substances, heat and sources of ignition.

6. Accidental Release Measures

Isolate spill or leak area and keep unauthorized and unprotected personnel away. Stay upwind, uphill and/or upstream. Wear fully protective impervious suit and other personal protective equipment as required. Ensure adequate ventilation. Avoid dust inhalation. Stop leak if you can do it without risk. Soak up with inert absorbent material and recover the leakage into the suitable, closed containers for disposal. Flush contaminated area with plenty of water. Avoid release to the environment.

7. Handling and Storage Measures

Handling	Provide sufficient air exchange and/or exhaust in work rooms. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Do not touch eyes .
Storage	Keep in the original container. Keep container tightly closed. Stored in a cool, dry, well-ventilated area. Keep away from combustible materials.

8. Exposure Controls / Personal Protection

Occupational exposure limits	No data available.
Engineering controls	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low. Handling only in appropriate working areas with sufficient ventilation/exhaustion at the workplace. If the conditions of use make workers feel uncomfortable, a high efficiency local exhaust system should be considered. Handle in accordance with good industrial hygiene and safety practice.
Inhalation protection	In case of dust or aerosol formation, wear dust mask with an approved particle filter. If irritation or other symptoms are experienced, use a half-face or full face respirator. In case of fire, use positive pressure self-contained breathing apparatus.
Eye protection	Please wear tightly fitting protective goggles. Also wear face protection if there is a splash hazard.
Skin protection	Wear suitable protective gloves and clean body-covering clothing.
Other protection	No information.

9. Chemical and Physical Properties

Appearance and odor	White powder, weak odor.
Melting point/freezing point	No data available.
Boiling point	No data available.
Flash point	Not applicable.
Decomposition temperature	No data available.
pH	≈10 (10 wt% aqueous solution).
Solubility	Soluble in water.
Density or relative density	No data available.
Dynamic viscosity	Not applicable.
Flammability	Not classified as flammable solid.
Explosive properties	Not classified as explosive substances.
Oxidizing properties	According to the United Nations Manual of Tests and Criteria (34.4.1 Test O.1), the test results indicates the sample is not belongs to oxidizing solids.
Main purpose	Lifting up human hair.
Other properties	No data available.

10. Stability and Reactivity

Stability	Stable under normal ambient temperature and pressure.
Incompatibilities	Strong reducing agents, strong acids, organic materials and combustible substances, etc.
Conditions to avoid	Overheating, ignition source, humid air or moisture.
Hazardous polymerization	No data available.
Hazardous decomposition	When exposed to high heat/fire, sulphur oxides, nitrogen oxides(NOx), carbon oxides and other toxic, corrosive and/or irritating fumes may generated by thermal decomposition.

11. Toxicological Information

Acute toxicity	Potassium persulfate (CAS No. 7727-21-1): LD50 - Oral - Rat - 802 mg/kg Ammonium persulfate (CAS No. 7727-54-0): LD50 - Oral - Rat - 689 mg/kg LD50 - Dermal - Rat - > 2000 mg/kg
Skin irritation/corrosion	Skin corrosion/irritation (Category 1B).
Eye damage/irritation	Eye damage/irritation (Category 1).
Respiratory or skin sensitization	Respiratory sensitization(Category 1). Skin sensitization(Category 1).
Germ cell mutagenicity	No data available.
Carcinogenicity	The product is not listed in IARC (International Agency for Research on Cancer) Category.
Reproductive toxicity	No data available.
STOT-single exposure	STOT-single exposure(Category 3; Respiratory tract irritation).
STOT-repeated exposure	No data available.
Aspiration hazard	No data available.
Health hazards	Inhalation: May cause irritation to the respiratory tract. May cause allergy or asthma symptoms or breathing difficulties if inhaled. Ingestion: Harmful if swallowed. Skin Contact: Causes severe skin burns. May cause an allergic skin reaction. Eye Contact: Causes severe eye damage.
Other toxicity	No data available.

12. Ecological Information

Ecological toxicity	Ammonium persulfate (CAS No. 7727-54-0): Toxicity to fish LC50 - Oncorhynchus mykiss - 76 mg/l - 96 h Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna - 120 mg/l - 48 h
Persistence and degradability	No data available.
Bioaccumulation	No data available.
Mobility in soil	No data available.
Others	No data available.

13. Disposal Information

Disposal measures	Offer surplus and non-recyclable contents/containers to a licensed disposal company.
Notes	Local disposal regulations may differ from Chinese regulations. Dispose in accordance with local country or state.

14. Transportation Information

Regulations	IATA DGR (66th Edition)	IMDG Code (2022 Edition)
UN No.	UN3253	UN3253
Proper Shipping Name	Disodium trioxosilicate mixture	Disodium trioxosilicate mixture
Hazard Class/Division	8	8
Packing Group	III	III
Packing Method	Y845, 860, 864	P002, LP02, IBC08, B3, T1, TP33
Environmental hazards	Not regulated as environmentally hazardous substance / marine pollutants.	
Notes	No information.	

15. Regulatory Information

Domestic authority regulations: Regulations on the Safety Administration of Dangerous Chemicals (2011). This product is listed in General rule for classification and hazard communication of chemicals (GB 13690-2009).

International Regulations:

Commission Regulation (EC) No. 1907/2006 (REACH) and its amendments.

Commission Regulation (EC) No. 1272/2008 (CLP) and its amendments.

Waste Framework Directive 2008/98/EC and its amendments.

Toxic Substance Control Act (TSCA).

16. Other Information

According to	Safety Data Sheet for Chemical Products-Content and Order of Sections (ISO 11014: 2009)
Issue date	April 30, 2025
Prepared and checked by	Department of Physical Properties Test, China National Analytical Center, Guangzhou
Other information	——

***** The End *****