



Material Safety Data Sheet

BD22

Company/Undertaking Identification

Guangzhou Plant Chain Beauty Technology Co., Ltd.

Address: 707, Building 6, Industrial Innovation Park, High-tech Zone, No.13-19, Ketai Second Road,
Private Science and Technology Park, Baiyun District, Guangzhou. PR. China

Telephone +86-020-31477707

Emergency telephone number

Plantchain: Tel. +86-020-31477707

Manufacturer

Shanghai Zhongxiang Fine Chemical Co., Ltd

Address: Building 3,276, Lane 705, Nanxiang Town, Jiading District, Shanghai

Contact number: 021-59250006

Emergency contact number: 021-59250006

Part 1: Component identification

Trade Name: DioKat®BD22

INCI Name: Behenamidopropyl Dimethylamine

Part 2: Hazard Identification

Classification of the substance or mixture

Serious eye damage, Category 1

Hazardous to the aquatic environment, long-term (Chronic) - Category Chronic 3

GHS label elements, including precautionary statements

Pictogram(s)

Signal word

Danger

Hazard statement(s)

H318 Causes serious eye damage

H412 Harmful to aquatic life with long lasting effects

Precautionary statement(s)





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Prevention

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P273 Avoid release to the environment.

Response

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor/...

Storage none

Disposal

P501 Dispose of contents/container to ...

Other hazards which do not result in classification: None

Part 3: INGREDIENTS/INFORMATION ON INGREDIENTS

Chemical Name	CAS	EC
Behenamidopropyl Dimethylamine	60270-33-9	262-134-8

Part 4: First Aid Measure

Description of necessary first-aid measures

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.



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If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

Most important symptoms/effects, acute and delayed

no data available

Indication of immediate medical attention and special treatment needed, if necessary

no data available

Part 5: Fire protection measures

Extinguishing media

Suitable extinguishing media

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

Specific hazards arising from the chemical

no data available

Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Part 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Discharge into the environment must be avoided.

Methods and materials for containment and cleaning up



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Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

Part 7: Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

Part 8: Exposure control and personal protection

Control parameters

Occupational Exposure limit values

no data available

Biological limit values

no data available

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection



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Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique(without touching glove's outer surface) to avoid skin contact with this product.

Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection

Wear dust mask when handling large quantities.

Thermal hazards: no data available

Part 9: Physical and chemical information

Appearance (25°C)	White to pale yellow solid
Odor (25 °C)	Slight characteristic
Total amine value (mg KOH/g)	130-140
Acid value (mg KOH/g)	≤4.0
Water Solubility	Soluble
Boiling Point	>200°C
Freezing/Melting Point	~ 65°C
Viscosity	N/A
Refractive Index	N/A
%Volatile	Nil
Evaporation Rate	<1 (Butyl Acetate)

Part 10: Stability and reactivity

Stability: Stable under normal conditions.

Incompatibility with other materials: Strong acids, alkalies and oxidizers.



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Condition to Avoid: Avoid contact with strong oxidizers.

Hazardous decomposition products: Oxides of Carbon, Nitrogen.

Hazardous Poly Occur: Will not occur.

Part 11: toxicological information

Acute oral toxicity: LD50 (rat) No information available

Acute inhalation toxicity: LC50 (rat, 4 hours) No data available

Skin irritation: The product is irritating to the skin.

Eyes irritation: Risk of serious damage to eyes.

Acute Respiratory Irritation: No test data found for product.

Chronic Toxicity: N/A.

Part 12: Ecological information

Ecotoxicological Information: No data found for product.

Chemical Fate Information: No data found for product.

Part 13: Disposal precautions

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Part 14: Transportation information

RID/ADR: Not regulated.

IMO-IMDG: Not regulated.

IATA/ICAO: Not regulated.



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Part 15: Regulatory information

Hazard Classes:

Fire Hazard: No.

Reactive Hazard: No.

Release of Pressure: No.

Acute Health Hazard: No.

Chronic Health Hazard: No.

US. Toxic Substances Control Act (TSCA):

This product is not on the U.S. EPA TSCA Inventory. Regulated under FDA for cosmetic purpose only.

China. Standard Chinese Name Inventory of International Cosmetic Materials (CHINA):

All intentional components are listed on the inventory, are exempt, or are supplier certified.

Part 16: Other information

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. It is provided without any warranty. It is the user's responsibilities to observe and comply with applicable products or information mentioned herein