



Material Safety Data Sheet

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

1.1 Product Name:	MeG-SS
1.2 CAS Reg Number:	86893-19-8
1.3 Chemical Classification:	Derivative of methyl glucoside
1.4 Dangerous Goods Classification:	Not assessed
1.5 Company Details:	
Manufacture/Supplier:	<u>HANGZHOU LINGEBA TECHNOLOGY CO., LTD.</u>
Address:	Office 1-913, NewYouth Plaza, GongShu District, Hangzhou, Zhejiang Province, P.R. China.
Telephone Number:	Tel: 0086-571-8738905 Fax: 0086-571-87389060
Emergency Telephone Number:	Tel: 0086-13958018106
Contact Person:	Environment, Health and Safety Manager

2. COMPOSITION/INFORMATION ON INGREDIENS

2.1 Chemical characterization:	Methyl glucose sesquistearate
2.2 Physical Form:	Flakes
2.3 Color:	Light yellow
2.4 Use:	Cosmetics additive, surfactant

3. HAZARDS IDENTIFICATION

3.1 Overall Hazard Classification:	Not hazardous.
3.2 Hazard Information:	Not hazardous.
3.3 Route of Exposure:	Accidental ingestion.
3.4 Possible Health Effects:	
Acute	
Eyes Contact:	Essentially nonirritating to eyes.
Skin Contact:	Brief contact is essentially nonirritating to skin. No volatility.
Inhalation:	
Ingestion:	Practically non-toxic.
Chronic	No information available.

4. FIRST AID MEASURES

4.1 Eyes:	Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician.
4.2 Skin Contact:	Wash skin with plenty of water.
4.3 Inhalation:	Move person to fresh air; if effects occur, consult a physician.
4.4 Ingestion:	If victim is conscious and alert, give 1-2 glasses of water to drink. Do not give anything by mouth to an unconscious person.



杭州林格贝科技有限公司
HANGZHOU LINGEBA TECHNOLOGY CO., LTD.

E-mail: info@lingeba.com

Web: www.lingeba.com

地址:

-913 室

Tel: 86-571-87389059

Fax: 86-571-87389060

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Seek medical attention. Do not leave victim unattended.

4.5 Note to physicians: Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. FIRE FIGHTING MEASURES

5.1 Auto ignition:	Not available.
5.2 Flash point:	See Section 9.
5.3 Extinguishing Media:	Water, dry chemical, carbon dioxide.
5.4 Fire Fighting Procedures:	Keep people away. Isolate fire and deny unnecessary entry. If material is molten, do not apply direct water stream. Use fine water spray or foam. Soak thoroughly with water to cool and prevent re-ignition. Cool surroundings with water to localize fire zone. Hand held dry chemical or carbon dioxide extinguishers may be used for small fires.
5.5 Fire & Explosion Hazards:	Product will burn under fire conditions.
5.6 Hazardous Combustion Products:	Carbon monoxide, carbon dioxide, and other unknown hydrocarbons.
5.7 Lower Explosion Limit:	Not applicable.
5.8 Upper Explosion Limit:	Not applicable.
5.9 Flammability Hazard Class:	1=slight.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precaution:	Avoid eyes/face contact. Avoid skin contact long time. Do not take internally.
6.2 Environmental Precautions:	Do not flush to drain.
6.3 Spill and Leak Procedures:	Collect just by common tool. Clean up residual material by washing area with water. Collect washings for disposal.

7. HANDLING AND STORAGE

7.1 Handling:	Avoid direct or prolonged contact with eyes.
7.2 Storage Conditions:	SHIP AND STORE BETWEEN 10-50°C. Store in tightly closed containers. Store in an area that is dry, well-ventilated, away from incompatible materials (see Section 10. Stability and Reactivity), Expected shelf life if stored at recommended temperatures: 24 months.
7.3 Unsuitable Packaging Materials:	None established.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Engineering Controls Ventilation:	Good general ventilation should be sufficient for most conditions. Local exhaust ventilation
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may be necessary for some operations.

8.2 Personal Protective Equipment General protective measures: Avoid contact with eyes and skin long time.

Eye protection: Use safety glasses.

Hand protection: Skin contact should be minimized through use of gloves and suitable long-sleeved clothing (i.e., shirts and pants). Consideration must be given both to durability as well as permeation resistance.

Clothing Requirements: Uniforms, coveralls, or a lab coat should be worn.

Change/Removal Of Clothing: Remove contaminated clothing and launder before reuse.

Wash Requirements: Wash exposed areas with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Form:	Flake
9.2 Color:	Light yellow
9.3 Odor:	odorless
9.4 pH:	Approx. 7.5, at 50g/l methanol/water, at 20°C
9.5 Solubility in water:	Not Available
9.6 Specific Gravity:	Approx. 600kg/m ³
9.7 Melting Point Range, °C	Approx. 54°C
9.8 Freezing Point Range:	Not Available
9.9 Boiling Point Range:	Not Available
9.10 Flash Point:	>180°C, Cleveland Open Cup
9.11 Flammable Limits, in air:	Not Available
9.12 Auto ignition Temperature:	Not Available

10. STABILITY AND REACTIVITY

10.1 Stability:	Stable.
10.2 Stability Detail:	Stable under normal temperature and pressure.
Conditions To Be Avoided:	Heat, open flame, spark.
Materials/Chemicals To Be Avoided:	Strong acids, strong oxidizing agents.
10.3 Reactivity Hazard Class:	Minimal hazardous.

11. TOXICOLOGICAL INFORMATION

11.1 Possible Health Effects:	Refer to Section 3.4.
11.2 Carcinogenic Effects:	None.
11.3 Other Toxicological Information:	
Eye irritation for rabbit:	No irritating
Skin irritation for rabbit :	No irritating.
Lethal dose 50% of test species:	LD ₅₀ ≥ 2000mg/kg, rat.



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12. ECOLOGICAL INFORMATION

12.1 Potential To Bioaccumulation: Biodegradation under aerobic static laboratory condition is high, 85%.

12.2 Aquatic Toxicity:

Toxicity to Micro-organisms

Bacterial Growth Inhibition: EC10>10g/L

Toxicity to Fish

Gold ore: LC50>10g/L

12.3 Further Information

Chemical Oxygen Demand(COD)-measured: 1.91mg/mg.

13. DISPOSAL CONSIDERATIONS

13.1 Product Disposal: Dispose of in accordance with local regulations.

13.2 Packaging Disposal: Any containers or equipment used should be decontaminated immediately after use.

14. TRANSPORT INFORMATION

14.1 Road and Rail Transport: Not assessed.

14.2 Sea Transport (IMDG): Not subject to IMDG code.

14.3 Air Transport (ICAO): Not subject to ICAO regulations.

14.4 Proper Shipping Name: Methyl glucose Sesquistearate

15. REGULATORY INFORMATION

15.1 Applicable Laws: Provisions of the regulations for the safe handling of chemicals in the workplace, particularly those relating to the safe use, production, storage and transportation of dangerous chemicals.

15.2 Chemical Inventories:

AICS: All ingredients listed or exempt.

DSL: All chemical substances in this material are included on or exempted from the DSL.

MITI: All components are listed on ENCS or its exempt rule.

KECL: One or more ingredients are not on the inventory.

EINECS: All ingredients listed or exempt.

TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA inventory of chemical substances.

16. OTHER INFORMATION

This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.



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