



HANS CHEMICALS PRIVATE LIMITED

Admn Off: 407, Panchsheel-2A, Raheja Township, L.S. Raheja X Road No.3, Malad-E, Mumbai-400097.

Tele fax:91-22-28880349 Email:hanschemicalspl@gmail.com

MATERIAL SAFETY DATA SHEET

PRODUCT: HANSMOL GL

Safety data sheet in accordance with 91 / 155 / EEC

Substance key : LE6010

Revision Date : 06. 04. 2013

Version : 1-/EU

Date of printing : 12. 06. 2013

1. Product Information & Company Identification

❖ Product Name	Hansmol GL Powder
❖ Chemical Family	Sulphonated Naphthalene Formaldehyde condensate, Sodium salt.
❖ CAS#	9084-06-4
❖ Chemical formula	CH ₂ (C ₁₀ H ₆ SO ₃ Na) ₂
❖ Molecular weight	472.08
❖	Product Use Hansmol GL is a versatile stabilizer for aqueous suspensions, emulsions and for aqueous solution of surfactants & other auxiliaries.
❖ Supplier/Manufacturer	HANS CHEMICALS PVT.LTD. 407, Panchsheel-2A, Raheja Township, L.S. Raheja Cross Road No.3, Malad-E, Mumbai-400097. Tel: +912228880349

2. Hazards Identification

- ❖ **Primary Routes of Exposure:** Skin, Eyes, and Respiratory tract.
- ❖ **Health Hazard Warnings:** CAUTION! May cause slight eye and skin irritation. Prolonged or repeated overexposure to dusts may cause upper respiratory tract irritation. Dusts at sufficient concentrations can form explosive mixtures with air.
- ❖ **Inhalation:** Prolonged or repeated overexposure to dusts may cause upper respiratory tract irritation.
- ❖ **Skin Contact:** Prolonged or repeated skin contact may cause slight skin irritation.
- ❖ **Eye Contact:** Contact with eyes can cause slight irritation.
- ❖ **Ingestion:** May cause gastrointestinal irritation in the form of nausea and vomiting.

3. Composition / information on ingredients

- ❖ **Chemical characterization:** Naphthalene formaldehyde condensation product
- ❖ **Active Ingredients:** 97 ± 1 %



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4. First aid measures

- ❖ **Eyes:** Immediately flush eyes with water for 10 - 15 minutes. Hold eyelids apart and roll eyes up and down to assure complete washing. Seek medical attention.
- ❖ **Skin:** Remove contaminated clothing and equipment. Thoroughly flush the affected area with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.
- ❖ **Inhalation:** Immediately move the patient to fresh air and call a physician. If breathing is difficult, give oxygen. If not breathing, begin artificial respiration.
- ❖ **Ingestion:** Call a physician. Never give anything by mouth to an unconscious person. Induce vomiting only at the instruction of a doctor or nurse.

5. Fire Fighting Measures

- ❖ **Flash Point:** No data available **Auto Ignition:** No data available
- ❖ **Explosive Limits; UEL/LEL:** In sufficient concentrations, dusts can form potentially explosive mixtures in air.
- ❖ **Extinguishing Agents:** Use water spray, dry chemical, carbon dioxide, or foam extinguishing agents.
- ❖ **Fire & Explosion Hazards:** As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Firefighters should wear recommended exposure control equipment including a self-contained breathing apparatus. Avoid generating dusts. Cool containers with water that are exposed to flames. Bond and ground equipment when transferring material to prevent static build up.
- ❖ **Hazardous Combustion Products:** Thermal decomposition produces oxides of carbon and sulfur.

6. Accidental release measures

- ❖ **Environmental precautions:** Do not discharge into the subsoil / soil.
- ❖ **Methods for cleaning up / taking up:** Take up with absorbent material (eg sand, kieselguhr, universal binder). Clean equipment with water.
- ❖ **Additional information:** Information regarding personal protective measures see, chapter 8.

7. Handling and storage

- ❖ **Handling Conditions:** Wash thoroughly after handling. Avoid contact with eyes. Avoid ingestion.
- ❖ **Storage Conditions:** Keep container tightly closed when not in use. Keep out of moisture.



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8. Exposure controls / personal protection

- ❖ **Hygiene measures:** Wash hands before breaks and after work.
- ❖ **Hand protection:** Impermeable gloves
- ❖ **Eye protection:** Safety glasses
- ❖ **Body protection:** Protective clothing

9. Physical and chemical properties

- ❖ **Form** : Powder
- ❖ **Colour** : Brownish powder
- ❖ **Melting point** : No data available
- ❖ **Concentration** : 97 ± 1 %
- ❖ **Solubility in water** : Completely soluble in water
- ❖ **pH value (10 % solution in water)** : 7.0 to 8.0

10. Stability and Reactivity

- ❖ **Stability:** Stable under normal conditions of storage and handling.
- ❖ **Incompatibility:** Avoid strong oxidizers.
- ❖ **Polymerization:** Will not occur.
- ❖ **Decomposition:** When heated to decomposition, may emit oxides of carbon and sulfur.
- ❖ **Self life:** 1 year from the date of manufacture

11. Toxicological properties

- ❖ Harmful if swallowed.
Acute Overexposure Effects :
- ❖ **Inhalation** : May cause sensitization.
- ❖ **Ingestion** : Harmful if swallowed .
- ❖ **Eye Contact** : May cause irritation.
- ❖ **Skin Contact** : No Hazardous.
- ❖ **Acute Toxicity** : No Toxic
- ❖ Chronic Effects:
Sensitization: not available
- ❖ **Carcinogenicity:** not available
- ❖ **Mutagenicity:** not available
- ❖ **Reproductive Toxicity:** not available
- ❖ **LD-50 value:** 1920 mg/kg



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12. Ecological information

- ❖ **Ecotoxicological Data:** This product is considered ultimately biodegradable. Aquatic toxicity level of >100mg/L.
- ❖ Use the product following safe working procedures and avoiding to discharge it in the environment.

13. Transport information

- ❖ **ADR** : Not restricted
- ❖ **RID** : Not restricted
- ❖ **ANDR** : Not restricted
- ❖ **IMDG** : Not restricted
- ❖ **IATA** : Not restricted

14. Disposal consideration

- ❖ **Waste Disposal:** This product if discarded as supplied, is considered non-hazardous as defined by RCRA. Incinerate in accordance with local, state and federal regulations.

15. Regulatory information

- ❖ Labeling in accordance with EC – Directives
- ❖ Not subject to labeling

16. Other information

- ❖ This safety data sheet information is considered to be true and correct at the present time. Nevertheless the data supplied and recommendations can not be taken as a guarantee .As the use conditions of the product are out of our company control, it is responsibility of the user to determine the safety of the use condition.

Emergency telephone number: +912228880349