



HANS CHEMICALS PRIVATE LIMITED

Admn. Off : 407, Panchsheel-2A, Raheja Township, L.S. Raheja Cross Road No.3, Malad-E, Mumbai-400097
Telefax : 91-22-28880349 MB: +919322255122 / +919322255128 Email ID : hanschemicalspl@gmail.com

MATERIAL SAFETY DATA SHEET

PRODUCT : HANSMOL GLS

Safety data sheet in accordance with 91 / 155 / EEC

Substance key : LE6010

Version : 1-/EU

Revision Date : 06. 04. 2013

Date of printing : 17. 05. 2013

1. Product Information & Company Identification

❖ Product Name	Hansmol GLS Powder
❖ Chemical Name	Naphthalene sulphonic acid formaldehyde Condensate, sodium salt.
❖ CAS NO	9084-06-4
❖ HS CODE	29041030
❖ Chemical formula	CH ₂ (C ₁₀ H ₆ SO ₃ Na) ₂
❖ Molecular weight	472.08
❖ Chemical Family	Synthetic leveling, dispersing cum wetting agent.
❖ Product Use	Dispersing, wetting & auxiliary for Agrochemicals, Rubber, Textile, Pigment & Dyes.
❖ Supplier/Manufacturer	HANS CHEMICALS PVT. LTD.. 407,Panchsheel-2A, Raheja Township, L.S. raheja Cross road No.3, Malad-E, Mumbai, Maharashtra, India-400097. Tel : +912228880349

2. Hazards Identification

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- ❖ **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.



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3. Composition / information on ingredients

- ❖ **Chemical characterization:** Naphthalene formaldehyde condensation product
 - ❖ **Active Ingredients:** 96 ± 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.
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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.
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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.



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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.

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** : 96 ± 1 %
- ❖ **Solubility in water** : Completely soluble in water
- ❖ **pH value (10 % solution in water)** : 7.0 to 10.0

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.



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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 (rat)

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



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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**