



Safety Data Sheet (SDS)

Revision / Review Date: 10/30/14

1. Chemical Product and Company Identification

Product Name:	Gus M-5
Distributed By:	HB Chemical 1665 Enterprise Parkway Twinsburg Oh 44087 Phone - 330-920-8023
MSDS Prepared By (w Suppliers Input):	HB Chemical
Chemical Name / Family:	Alkylphenol disulfide polymers
CAS No.	60303-68-6
Product Use:	Rubber vulcanizing agents

For emergency health, safety, and environmental information, calls 330-920-8023

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300

2. Hazard(s) Identification

Hazard, Risk classification: Skin corrosive/irritants: Category 2.

Label:



Signal word: Warning

Hazard risk statement: Causes skin irritation.

Precautionary Statement:

- If medical advice is needed, have product container or label at hand.
- Do not handle until all safety precautions have been read and understood.
- Wash hands thoroughly after handling.
- Wear protective gloves/protective clothing/ eye protection/ face protection.
- Use personal protective equipment as required.

Response:

- If on skin, wash with plenty of soap and water.
- If skin irritation occurs, get medical advice / attention.
- Take off contaminated clothing and wash before reuse.

3. Composition / Information on Ingredients

<u>Ingredient Name</u>	<u>EC No.</u>	<u>CAS No.</u>	<u>Concentration. %</u>
<u>Classification</u> Alkylphenol disulfide polymers	-	60303-68-6	100

4. First Aid Measures

<u>Inhalation:</u>	If inhaled, remove victim to fresh air.
<u>Eyes:</u>	Immediately flush eye(s) with plenty of water.
<u>Skin:</u>	Immediately flush skin with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptom occur. Wash clothing before reuse. Thoroughly clean shoes before reuse.
<u>Ingestion:</u>	If swallowed, do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious.

5. Fire-Fighting Measures

<u>Suitable Extinguishing Media:</u>	Foam, carbon dioxide, dry chemical, water spray.
<u>Auto ignition temperature:</u>	Not determined.
<u>Flash point:</u>	>250 ⁰ C
<u>Specific Hazards:</u>	Thermal decomposition giving flammable and toxic products. Sulfur oxide, carbon oxide.

6. Accidental Release Measures

<u>Personal precaution:</u>	Prohibit contact with skin and eyes and inhalation of dust. Wear suitable gloves. Sweep up to prevent slipping hazard.
<u>Environmental Disposal Information:</u>	Do not release into the environment.
<u>Waste Disposal:</u>	Destroy the product by incineration. In accordance with local, state, and federal regulations

7. Handling and Storage:

<u>Handling:</u>	Provide appropriate exhaust ventilation at machinery.
<u>Storage:</u>	Keep Container tightly closed in a dry and well-ventilated place.

8. Exposure Controls / Personal Protection

<u>Respiratory Protection:</u>	Provide self-contained breathing apparatus nearby. (thermal decomposition giving flammable and toxic products.
<u>Protective Gloves:</u>	Gloves (synthetic rubber, plastic materials)
<u>Eye Protection:</u>	Safety glasses or goggles.
<u>Skin and Body Protection:</u>	Protective suit.

9. Physical and Chemical Properties

<u>Physical Form:</u>	Dark Brown solid.
<u>PH:</u>	Not Established.
<u>Specific Gravity:</u>	1.10 – 1.20 @ 25 °C
<u>Flash Point:</u>	>250 °C (ASTM D 3278)
<u>Melting Point (°F/C):</u>	Not Applicable.
<u>Vapor Pressure :</u>	Not Applicable.
<u>Vapor Density (Air =1)</u>	Not Applicable.
<u>Boiling Point (°F/C):</u>	Not Applicable.
<u>% Volatile by Volume:</u>	0
<u>Water Solubility:</u>	Insoluble

10. Stability and Reactivity

<u>Stability:</u>	Stable when stored at room temperature in closed, original container. Stable under normal conditions of handling, use and transportation.
<u>Conditions to Avoid:</u>	Keep away from heat, sparks and flame. Exposure to heat and humidity. Do not double stack.
<u>Hazardous decomposition products:</u>	None known

11. Toxicological Information

Data for Alkylphenol disulfide polymers (60303-68-6)

Acute Oral LD50 (mg/kg): 6000 mg/kg

Acute Dermal LD50 (mg/kg): >2000 mg/kg

Principle Routes of Exposure: Eyes. Inhalation. Dermal - skin.

Ingestion: Illness may occur after a single swallowing of relatively large quantities of this material.

Skin Contact: Causes mild skin irritation. Causes drying of the skin. May cause a rash and itching of the skin.

Inhalation: Causes moderate respiratory irritation. Irritation (upper respiratory):

signs/symptoms can include soreness of the nose and throat, coughing and sneezing

Eye Contact: Causes eye irritation. Moderate Eye Irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

Carcinogenicity: Negative in standard tests using bacteria and yeast cells.

Genotoxicity: None

12. Ecological Information

No data are available.

13. Disposal Considerations

Disposal product: Bury in a licensed landfill or burn in an approved incinerator according to federal, state and local regulations

14. Transport Information

D.O.T. Shipping Name Not regulated

15. Regulatory Information

Hazard Categories Under Criteria of SARA Title III Rules (40 CFR Part 370)

Immediate (Acute) Health	N	Fire	N
Delayed (Chronic) Health	N	Reactive	N
		Sudden Release of Pressure	N

The components of this product are all on the TSCA inventory list.

Ingredient Related Regulatory Information:

SARA Reportable Quantities	<u>CERCLA</u>	<u>RQ</u>	<u>SARA</u>	<u>TPQ</u>
Para tert butylphenol disulfide		Not Effective		

16. Other Information

The above information has been compiled from what we believe to be credible sources. To our knowledge the information is accurate and reliable, however, it is not guaranteed. Any recommendations issued by HB Chemical personnel or literature is derived from experience and by no means should be taken as fact or construed as a recommendation to violate of any law, regulation or patent. It is the users responsibility to determine the suitability of any HB supplied material in their application. The individual conditions of each customer are well outside of our control and we cannot be held liable for its functionality and use. Please contact our office should you need specific information beyond what is supplied above. As with all Chemical usage safety precautions beyond the stated are highly recommended.

HB Chemical 1665 Enterprise Parkway Twinsburg, Ohio 44087

Phone 330-920-8023 Fax 330-920-0971

www.hbchemical.com