



Safety Data Sheet (SDS)

Revision / Review Date: 3/11/14

1. Chemical Product and Company Identification

Product Name:	Merrox 9404
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:	Triethylene Glycol/Plasticizer
CAS No.	Proprietary
Product Use:	Rubber Additive
OSHA Status	Not Hazardous

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

<u>Warning:</u>	Contact with eye & skin may cause irritation. May cause irritation to respiratory tract if inhaled.
<u>Primary Routes of Entry:</u>	Skin contact, eyes contact, inhalation
<u>Potential health effects:</u>	Liquid or vapors may irritate the eyes. Inhalation of vapors or mist of the product may be irritating to the respiratory system.

3. Composition / Information on Ingredients

<u>Chemical Identity:</u>	Triethylene Glycol
<u>CAS No.:</u>	Proprietary
<u>LC₅₀(mg/kg) of Ingredient %:</u>	90-100

4. First Aid Measures

<u>Inhalation:</u>	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen. Consult a physician.
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<u>Eyes:</u>	Flush with water for 15 minutes while holding eyelids open for 15 minutes. If irritation develops, consult a physician.
<u>Skin:</u>	Flush with large amounts of soap and water. If irritation develops, consult a physician.
<u>Ingestion:</u>	If material is swallowed get medical attention or advice. Do not induce vomiting. Consult a physician.

5. Fire-Fighting Measures

<u>Flash point (method):</u>	>201 °F/94°C
<u>Suitable Extinguishing Media:</u>	Dry chemical, CO ₂ , Foam or water fog.
<u>Special Fire Fighting Procedures:</u>	Wear self-contained breathing apparatus and protective clothing.
<u>Hazardous Combustion Products:</u>	None known.
<u>Unusual fire and explosion hazards:</u>	None known.

6. Accidental Release Measures

<u>Steps to be taken in case material is Spilled:</u>	Do not touch or walk through spilled material. Keep unnecessary personnel away. Stay upwind. Keep out of low areas. Ventilate closed spaces before entering. Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean up. Large spills; dike far ahead of liquid spill for later disposal. Small spills; Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal.
<u>Waste Disposal:</u>	Reclaim or dispose of in accordance with local, state, and federal regulations.

7. Handling and Storage:

<u>Precautions to be taken in handling:</u>	Avoid contact with skin and eyes. Wash thoroughly after handling.
<u>Storage:</u>	Store in a dry area. Keep the container in a well-ventilated place. KEEP FROM FREEZING . Keep away from heat.

8. Exposure Controls / Personal Protection

<u>Respiratory Protection:</u>	NIOSH/MSHA approved respirator above PEL or TLV, and/ or an organic vapor respirator for vapors or mist.
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<u>Ventilation:</u>	Local; Recommended to minimize exposure. Mechanical; Recommended to minimize exposure.
<u>Protective Gloves:</u>	Rubber, Neoprene if splashing is a problem.
<u>Eye Protection:</u>	Wear safety glasses or chemical goggles to prevent eye contact. (If splashing is possible).
<u>Skin and Body Protection:</u>	To prevent repeated or prolonged skin contact, wear impervious clothing.
<u>Other Precautions:</u>	Wash thoroughly before eating, drinking, or smoking. Use adequate ventilation.
<u>Decontamination Facilities:</u>	Eye bath, washing facilities (sinks / showers) are recommended.

9. Physical and Chemical Properties

Boiling point:	Not available	Specific gravity:	0.968 g/ml @ 15°C
Freezing point:	7°F	pH:	Not available
Vapor pressure (mm Hg):	Not available	Odor threshold (ppm):	Not available
Vapor density (AIR=1):	Not available	Coefficient of water/oil distribution:	Not available
Solubility in water:	Not available	Evaporation rate:	Slower than ethyl ether
Appearance/Physical state:	Clear	Odor:	Not available
<u>Form:</u>	Liquid	<u>Color:</u>	Yellow

10. Stability and Reactivity

<u>Stability:</u>	This product is stable under normal conditions.
<u>Incompatibility (Materials to Avoid):</u>	Strong oxidizing agents, and strong alkalies.
<u>Conditions to Avoid:</u>	None known.
<u>Hazardous Polymerization:</u>	Hazardous polymerization will not occur
<u>Hazardous polymerization:</u>	None known.

11. Toxicological Information

<u>Acute:</u>	May cause eye, skin and respiratory tract irritation. Inhalation of vapors or mists of the product may be irritating to the respiratory system. Ingestion of large amount may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.
<u>Chronic:</u>	Prolonged or excessive skin contact with this product may cause mild skin irritation.

<u>Carcinogenicity:</u>	None known
<u>Reproductive toxicity:</u>	Not available.

12. Ecological Information

This material has not been evaluated for environmental effects.

13. Disposal Considerations

Reclaim or Dispose of material in accordance with all applicable local, state, and federal regulations.

14. Transport Information

<u>D.O.T. Shipping Name</u>	Not regulated
<u>Air - ICAO (international Civil Aviation Organization)</u>	Not regulated
<u>Sea - IMDG (International Maritime Dangerous Goods)</u>	Not regulated

15. Regulatory Information

All components of this material are on the TSCA Inventory

SARA 313 this product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372: None known.

SARA Sections 311 & 312 superfund Amendments & Reauthorization Act of 1986 Title III: None known.

RCRA status The following chemical components are listed under (40 CFR 261): None known.

FDA Status 21 CFR: Regulated for Use under the following 21 CFR sections: 177.2600 ©(4)(IV)- rubber Articles Intended for Repeated Use.

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.