



Safety Data Sheet (SDS)

Revision / Review Date: 1/21/15

1. Chemical Product and Company Identification

Product Name:	Merrox 4200
Distributed By:	HB Chemical 1665 Enterprise Parkway Twinsburg Oh 44087 Phone - 330-920-8023
SDS Prepared By (w Suppliers Input):	HB Chemical
Chemical Name / Family:	Dibutoxyethyl Sebacate
Product Use:	Plasticizer
OSHA Status:	Non-Hazardous
CAS No:	141-19-5

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>	Not available.
<u>Signs and Symptoms of Exposure:</u>	Not available.
<u>Primary Routes of Entry:</u>	Not available.
<u>Medical Conditions Generally Aggravated by Exposure:</u>	Not available.
<u>Eye Contact:</u>	May cause slight eye irritation of susceptible persons.
<u>Skin Contact:</u>	Repeated or prolonged skin contact may cause skin irritation.
<u>Ingestion:</u>	Effects unknown.
<u>Inhalation:</u>	May cause dizziness.
<u>HMIS Hazard Ratings:</u>	Health-1, Flammability -0, Reactivity – 0
<u>HMIS limitation statement:</u>	The HMIS hazard ratings numbers are meant to give a quick indication of the relative hazards associated with the product. All of the information contained in the SDS should be consulted to assist with the safe handling of this material.

3. Composition / Information on Ingredients

Weight Percent / Typical	Component Identity	CAS Registry Number
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HB Chemical 1665 Enterprise Parkway Twinsburg, Ohio 44087

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

www.hbchemical.com

4. First Aid Measures

<u>Inhalation:</u>	Person should be moved to a fresh air environment.
<u>Eyes:</u>	Flush eyes with large amounts of water for at least 15 minutes. If irritation persists, consult a physician.
<u>Skin:</u>	Wash affected skin with soap and water. If drying occurs a topical lotion should be applied.
<u>Ingestion:</u>	Rinse mouth and seek medical attention.

5. Fire-Fighting Measures

<u>Suitable Extinguishing Media:</u>	CO2, Dry Chemical, Water Fog.
<u>Special Fire Fighting Procedures:</u>	A MSHA/NIOSH approved self-contained breathing apparatus should be worn. Use water spray to cool fire-exposed containers.
<u>Unusual fire and explosion hazards:</u>	Water may cause frothing.
<u>Hazardous Combustion Products:</u>	Not known.

6. Accidental Release Measures

<u>Steps to be taken in case material is spilled:</u>	Dike and contain the spill with inert material (i.e.: sand, earth, sawdust) and transfer liquid and solid diking material to separate containers for recovery or disposal. Wash floor area with hot water solution. Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water.
<u>Environmental Disposal Information:</u>	Keep spills out of all sewers and bodies of water.
<u>Waste Disposal:</u>	Not available.

7. Handling and Storage

<u>Precautions to be taken in handling:</u>	Any use of this product in an elevated process, should be evaluated to establish and maintain safe operating procedures.
<u>Storage:</u>	Containers should be kept tightly closed and stored in a dry well-ventilated place.

<u>Empty Containers:</u>	Not available.
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8. Exposure Controls / Personal Protection

<u>Exposure Controls:</u>	Not available.
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<u>Respiratory Protection:</u>	None required for normal operation. Use a NIOSH approved respirator when exposure to mists or vapors is anticipated.
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<u>Ventilation:</u>	For normal operation local exhaust ventilation should suffice. Direct exhaust when material becomes heated and fumes are given off.
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<u>Hand protection:</u>	Nitrile, PVC gloves.
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<u>Eye Protection:</u>	Safety glasses.
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<u>Skin and Body Protection:</u>	Wear impervious clothing.
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<u>Other Precautions:</u>	Wash with soap and water before eating, drinking or using toilet facilities. Launder contaminated clothing before reuse.
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<u>Decontamination Facilities:</u>	Eye bath, washing facilities (sinks / showers).
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9. Physical and Chemical Properties

<u>Physical Form:</u>	Oily Liquid
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<u>Appearance & Odor:</u>	Yellow/ ester-like odor
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<u>Specific Gravity:</u>	0.971
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<u>Softening Point, R&B:</u>	Not available.
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<u>Solubility in Water:</u>	Not available.
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<u>Percent Volatiles (by weight):</u>	Not available.
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<u>Evaporation Rate (Water ~ 1):</u>	Not available.
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<u>Vapor Pressure (mm Hg):</u>	Not available.
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<u>Vapor Density (Air ~ 1):</u>	Not available.
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<u>Auto ignition Temperature, °C:</u>	Not available.
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<u>Flammable Limits, %(V):</u>	Not available.
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<u>Flash Point, TAG CC F:</u>	400° F
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<u>Boiling Point (°F) Initial:</u>	480-500°F
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10. Stability and Reactivity

<u>Stability:</u>	This product is stable under normal conditions.
<u>Incompatibility (Materials to Avoid):</u>	Material reacts with strong oxidizing agents.
<u>Conditions to Avoid:</u>	None known.
<u>Hazardous Polymerization:</u>	Will not occur under normal circumstances

11. Toxicological Information

This material is not listed as a carcinogen or potential carcinogen by NTP, IARC, or OSHA.

12. Ecological Information

No ecological information is available at this time.

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

<u>SARA Section 313:</u>	Glycol Ether Compound.
<u>SARA 311/312 Hazards:</u>	None.
<u>Toxic Substances Control Act (TSCA):</u>	This product is in compliance with the TSCA regulation of the United States.
<u>China (IECSC):</u>	This product is listed on the IECSC inventory of China.
<u>Domestic Substance List (DSL):</u>	This product is not listed on the DSL inventory of Canada. It is, however, listed on the NDSL.
<u>European Inventory of Existing Chemical Substances (EINECS):</u>	This product is listed on the EINECS inventory of Europe.

<u>Korean Existing Chemicals List (ECL):</u>	This product is listed on the ECL Inventory of Korea.
<u>California Proposition 65:</u>	This product does not contain substances known to the state of California to cause cancer, birth defects, or other reproductive harm per the Safe Drinking Water and Toxic Enforcement Act of 1986.
<u>New Jersey RTK Label Information:</u>	Dibutoxyethyl Sebacate, CAS No. 141-19-5
<u>Pennsylvania RTK Label Information:</u>	Dibutoxyethyl Sebacate, CAS No. 141-19-5

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 user's 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.