



Safety Data Sheet (SDS)

Revision / Review Date: 1/22/15

1. Chemical Product and Company Identification

Product Name:	Merrox P-6303
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:	Polyester Adipate/ Polyester/Polymer
Product Use:	Plasticizer
OSHA:	Non-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>	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>Emergency overview:</u>	A clear, oily liquid, which is not normally irritating to eyes and skin. Ingestion and prolonged contact should be avoided.
<u>Eye Contact:</u>	Can cause irritation to the eyes.
<u>Skin Contact:</u>	Can cause irritation to the skin.
<u>Ingestion:</u>	Can cause digestive irritation.
<u>Inhalation:</u>	Can cause respiratory irritation.
<u>HMIS Hazard Ratings:</u>	Health- 0, Flammability -1 , Reactivity- 0, Protection-B
<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
100%	Polyester Adipate	Proprietary

4. First Aid Measures

<u>Inhalation:</u>	Remove to fresh air; give artificial respiration or oxygen if necessary.
<u>Eyes:</u>	Flush eyes with water for 15 minutes. Call a physician if irritation develops.
<u>Skin:</u>	Wash skin with soap and water. If in contact with hot product, treat as a burn.
<u>Ingestion:</u>	Do not induce vomiting. Never give anything by mouth to unconscious person. Seek medical attention.

5. Fire-Fighting Measures

<u>Suitable Extinguishing Media:</u>	Water spray, dry chemical, carbon dioxide, chemical foam.
<u>Special Fire Fighting Procedures:</u>	Full eye protection and protective clothing are required for all indoor/outdoor fires and spill. Treat as burning oil. Keep drums as cool as possible to avoid expansion, explosions, and splattering.
<u>Hazardous Combustion Products:</u>	This product will decompose under extreme temperatures forming oxides of carbon.
<u>Unusual fire and explosion hazards:</u>	Not available.

6. Accidental Release Measures

<u>Steps to be taken in case material is spilled:</u>	Wear appropriate protective clothing, gloves and equipment. Contain spill with inert absorbent or earth. Transfer to secure containers and dispose of according to local and state regulations. Thought should always be given to collecting the material in such a manner that it could be recycled. Clean/scrub affected area with detergent.
<u>Environmental Disposal Information:</u>	Prevent run-off into sewers or natural waterways.
<u>Waste Disposal:</u>	Reclaim or dispose of in accordance with local, state, and federal regulations. All containers should be effectively labeled to facilitate the appropriate disposal or reclaim.

7. Handling and Storage

Empty Containers:

Empty containers can be rinsed with a suitable solvent/surfactant and steamed to remove residual product and fumes before disposal or reuse in accordance with applicable regulations.

Precautions to be taken in handling:

Perform drum and tote filling in well-ventilated area wearing protective eye shields and clothing.

Storage:

Store in a cool, dry, ventilated area. Keep containers closed when not in use. Do not store near extreme heat, open flame, or sources of ignition.

8. Exposure Controls / Personal Protection

Exposure Controls:

Not available.

Respiratory Protection:

Respirators should be selected when TWA exceeded. Avoid hot vapors when mixing or packaging.

Ventilation:

Use only where sufficient ventilation exists to keep exposure levels of fumes and dust below recommended levels.

Hand protection:

Wear gloves.

Eye Protection:

Safety glasses with side shields.

Skin and Body Protection:

Wear impervious clothing, boots and apron as appropriate.

Other Precautions:

Wash with soap and water before eating, drinking or using toilet facilities. Clean contaminated clothing before reuse.

Decontamination Facilities:

There should be a shower facility and eyewash in the building where this product is being stored and handled. Exercise good chemical handling practice.

9. Physical and Chemical Properties

Physical Form:

Viscous Liquid

Appearance & Odor:

Clear

Specific Gravity:

@25°C = 1.15

Softening Point, R&B:

Not available.

Solubility in Water:

Not available.

Flash Point, TAG CC F:

293°C (560°F) COC

Percent Volatiles (by weight):

Not available.

<u>Evaporation Rate (Water ~ I):</u>	< 1 (butyl acetate=1)
<u>Vapor Pressure (mm Hg):</u>	Not available.
<u>Vapor Density (Air ~ I):</u>	Not available.
<u>Boiling Point (°F) Initial:</u>	Not available.
<u>Auto ignition Temperature, °C:</u>	Not available.
<u>Flammable Limits, %(V):</u>	Not available.
<u>Viscosity cPs:</u>	25°C = 100,000

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>	Avoid extreme heat. This product decomposes under high temperature and hydrolyses in humid conditions.
<u>Hazardous Polymerization:</u>	Hazardous polymerization will not occur.

11. Toxicological Information

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

12. Ecological Information

No information for environmental effects.

13. Disposal Considerations

Reclaim or Dispose of material in accordance with all applicable local, state, and federal regulations. Incineration by a permitted hazardous waste facility in accordance with all regulatory requirements is the preferred method of disposal. Empty containers can be rinsed with a suitable solvent/surfactant and steamed to remove residual product and fumes before disposal or reuse in accordance with applicable regulations.

14. Transport Information

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

<u>International (IMO):</u>	Non-hazardous. Label: Product trade name with chemical description.
<u>European Transportation:</u>	ADR/RID HAZ. CLASS: Not Determined.
<u>US Customs:</u>	Harmonized Tariff Code: 2917.12.20.00

15. Regulatory Information

All components of this material are on the TSCA Inventory.

All components of this material are on the Canadian DSL.

SARA 311/312 Categories: Non-hazardous.

SARA 313 Reportable ingredients: None.

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.