



HARWICK
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Safety Data Sheet
MERROL® P-6420
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SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: MERROL® P-6420

Product Name: Merrol® P-6420

Recommended Use: Plasticizer

Manufactured for and supplied by:

Supplier: Harwick Standard Distribution Corporation

Supplier Address: 60 S. Seiberling Street, Akron, OH 44305

Contact: Health, Safety & Environment

Telephone: 330-798-9300

Website: www.harwickstandard.com

SECTION 2 – HAZARD(S) IDENTIFICATION

Classification of the Substance or Mixture:

Product has not been classified as hazardous according to the legislation in force.

GHS Label Elements:

Hazard symbol: None

Signal word: None

Hazard Statements: No known significant effect or critical hazards

Precautionary Statements:

Prevention: Not applicable

Response: Not applicable

Storage: Not applicable

Disposal: Not applicable

Hazard(s) not otherwise classified (HNOC): None known

HMIS Rating: HEALTH 1 FLAMMABILITY 1 REACTIVITY 0

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Substances / Mixtures

General information:

Chemical name	Concentration	Additional identification
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Dibasic acid glycol polyester

100%

CAS-No.: proprietary

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
This substance has workplace exposure limit(s).

SECTION 4 – FIRST AID MEASURES

Eye contact: Flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if symptoms persist.

Inhalation: Remove person to fresh air. Treat symptomatically. Get medical attention if symptoms occur.

Skin contact: Flush contaminated skin with plenty of soap and water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

Ingestion: Seek medical advice. Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary.

Most important symptoms/effects, acute and delayed:

Potential acute health effects:

Eye contact: No known chronic or acute health risks
Inhalation: No known chronic or acute health risks
Skin contact: No known chronic or acute health risks
Ingestion: No known chronic or acute health risks

Over-exposure signs/symptoms:

Eye contact: No specific data
Inhalation: No specific data
Skin contact: No specific data
Ingestion: No specific data

Indication of immediate medical attention and special treatment needed: None known.
Treat symptomatically.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable extinguishing method: In case of fire, use water spray, dry chemical or carbon dioxide (CO₂), foam.

Unsuitable extinguishing method: None known.

Specific hazards arising from chemical: None known.



Special firefighting equipment and precautions for firefighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Firefighting equipment/instructions: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

Methods and materials for containment and cleaning up:

Contain and absorb with inert material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor.

Environmental precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: Keep container closed.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters

Occupational Exposure Limits

Country specific exposure limits have not been established or are not applicable unless listed below.



Exposure controls

Appropriate engineering controls:

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment

General information: Eye bath. Washing facilities.

Eye/face Protection: It is a good industrial hygiene practice to minimize eye contact.

Skin protection

Hand Protection: It is a good industrial hygiene practice to minimize skin contact.

Other: No data available.

Respiratory Protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

Hygiene measures: Observe good industrial hygiene practices.

Environmental Controls: No data available.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Liquid
Form:	Viscous Liquid
Color:	Colorless
Odor:	Mild, ester
Odor Threshold:	Not determined
pH:	No data available
Boiling Point:	No data available
Flash Point:	>260 °C (Cleveland Open Cup)



Evaporation Rate:	Not determined
Flammability (solid, gas):	No data available
Flammability Limit - Upper (%)-:	No data available
Flammability Limit - Lower (%)-:	No data available
Vapor pressure:	<0.0013 mbar
Vapor density (air=1):	>1
Specific Gravity:	1.085 – 1.095
Solubility(ies)	
Solubility in Water:	Insoluble
Solubility (other):	No data available
Partition coefficient (n-octanol/water):	No data available
Autoignition Temperature:	No data available
Decomposition Temperature:	Thermal stability not tested. Low stability hazard expected at normal operating temperatures.
Dynamic Viscosity:	4.8 - 6.4 mPa.s (25 °C)
Kinematic viscosity:	1,000- 1,600 mm ² /s (99 °C)
Explosive properties:	No data available
Oxidizing properties:	No data available

SECTION 10 - STABILITY & REACTIVITY

Reactivity: None known.

Chemical stability: Stable.

Possibility of hazardous reactions: None known.

Conditions to avoid: None at ambient temperatures.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Carbon monoxide. Carbon dioxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Inhalation: None known.

Ingestion: None known.

Skin Contact: None known.



Eye contact: None known.

Information on toxicological effects

Acute Toxicity

Oral

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester Oral LD50: (Rat): >5,000 mg/kg
Read across from a similar material.

Dermal

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Inhalation

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Repeated Dose Toxicity

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Skin Corrosion/Irritation:

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester (Rabbit, 24h): None

Serious Eye Damage/Eye Irritation:

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester (Rabbit): Slight

Respiratory or Skin Sensitization:

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.



Mutagenicity

In vitro

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

In vivo

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Carcinogenicity

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Reproductive Toxicity

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Aspiration Hazard

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Other Adverse Effects: No data available.



Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Biological Oxygen Demand:

Product No data available.

Specified substance(s)



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Dibasic acid glycol polyester No data available.

Chemical Oxygen Demand:

Product No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

BOD/COD Ratio

Product No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Bioaccumulative Potential

Product: No data available.

Specified substance(s)

Dibasic acid glycol polyester No data available.

Mobility in Soil: No data available.

Known or predicted distribution to environmental compartments

No data available.

Results of PBT and vPvB assessment:

No data available.

Other Adverse Effects: No data available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal instructions: Dispose of waste and residues in accordance with local authority requirement.

SECTION 14 - TRANSPORTATION INFORMATION

Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Good expert for information specific to your situation.

U.S. DOT Classification: Class not regulated.

IMDG- International Maritime Dangerous Goods Code: Class not regulated.



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IATA: Class not regulated.

SECTION 15 - REGULATORY INFORMATION

U.S.:

TSCA (US Toxic Substances Control Act): This product is listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

SARA 313: This product does not contain a chemical listed at or above de minimis concentrations 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.

DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act): All components of this product are listed on the DSL. Any impurities present in this product are exempt from listing.

AICS / NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme): All components of this product are listed on AICS or otherwise comply with NICNAS.

ECL (Korean Toxic Substances Control Act): This product is listed on the Korean inventory or otherwise comply with the Korean Toxic Substances Control Act.

Philippines Inventory (PICCS): This product is listed on the Philippine Inventory or otherwise complies with PICCS.

Inventory of Existing Chemical Substances in China: All components of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

SECTION 16 - OTHER INFORMATION

Issue date: 07-22-2016

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Revision Information: GHS Format

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