



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: MERROL® DOS

Manufactured for and supplied by:

Harwick Standard Distribution Corporation
60 South Seiberling Street
P.O. Box 9360
Akron, Ohio 44305-0360

Telephone #: 330-798-9300
Date prepared: April 9, 2014
Preparer: Health, Safety & Environment
Product Use: Plasticizer

SECTION 2 – HAZARD(S) IDENTIFICATION

Primary routes of exposure:

Inhalation Skin contact Eye contact Skin absorption Ingestion

Emergency Overview: This product has not been evaluated as a whole for health effects. Information provided on the health effects of this product is based on individual components. In addition, some vapors or contaminants may be released upon heating and the end-user (fabricator) must take necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure.

Potential Health Effects: Inhalation of airborne droplets may cause irritation of the respiratory tract. Contact with eyes may cause irritation. May be harmful if swallowed.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Identity CAS Number

Diocetyl Sebacate, DOS	122-62-3
------------------------	----------

There are no known hazardous components above regulatory thresholds in this product

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

Ingestion: Do not induce vomiting with out medical advice. Consult a physician.

Skin contact: Wash with soap and plenty of water. If skin irritation persists, seek medical attention.

Eye contact: Immediately rinse eyes with plenty of water for 15 minutes. If eye irritation persists, seek medical attention.



SECTION 5 – FIRE FIGHTING MEASURES

Flash point (method): 410°F (210°C)
Auto-ignition temperature: 690°F (366°C)

Extinguishing Media: Dry powder, foam, Carbon dioxide (CO₂). Water spray can be used to cool fire exposed surfaces.

Special Fire Fighting Procedures: Fullface self-contained breathing apparatus used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.

Unusual Fire and Explosion Hazards: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x) and smoke are all possible.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak & Spill Procedure: Wear appropriate personal protection during cleanup. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Package all material in appropriate container for disposal. The product should not be allowed to enter drains, watercourses or the soil. Should not be released into the environment.

SECTION 7 - HANDLING AND STORAGE

Handling: Heat only in areas with appropriate exhaust ventilation.

Storage: Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store in a cool, dry place.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

There are no known hazardous components above regulatory thresholds in this product.

Respiratory protection (specify type): A NIOSH/MSHA approved respirator above PEL or TLV, and/or an organic vapor respirator for vapors or mists if engineering controls do not maintain airborne concentrations below recommended exposure limits or to an acceptable level.

Ventilation: **Local exhaust:** Recommended to minimize exposure.
Mechanical (general): Recommended to minimize exposure.

Protective gloves: Protective gloves

Eye protection: Safety glasses with side-shields

Skin protection: Long sleeved clothing



Other protective clothing or equipment: Safety shoes.

Work/hygienic practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling point:	572°F (300°C)	Specific gravity:	0.913
Freezing point:	-54°F (Pour Point)	pH:	Not Applicable
Vapor pressure (mm Hg):	0.98 @ 410°F (210°C)	Odor threshold (ppm):	Not Applicable
Vapor density (AIR=1):	14.7	Coefficient of water/oil distribution:	Not Applicable
Solubility in water:	1.0 mg/l	Evaporation rate:	Negligible
Appearance/Physical state:	Viscous liquid	Odor:	Very faint
Form:	Liquid	Color:	Light Yellow

SECTION 10 - STABILITY & REACTIVITY

Stability
Stable:
Unstable:

Conditions to Avoid (Conditions of Reactivity): Keep away from oxidizing agents and open flame.

Incompatibility (Materials to Avoid): Strong acids and oxidizing agents.

Hazardous Decomposition or Byproducts: Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x) and smoke are all possible.

Hazardous Polymerization
May occur:
Will not occur:

SECTION 11 - TOXICOLOGICAL INFORMATION

There are no known hazardous components above regulatory thresholds in this product

SECTION 12 - ECOLOGICAL INFORMATION

Persistence and Degradability: Readily biodegradable.

Environmental Toxicity: Adverse ecological impact is not known or expected under normal use.

Bioaccumulation Potential: Does not bioaccumulate.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Method: In accordance with federal, state, and local regulations.



SECTION 14 - TRANSPORTATION INFORMATION

Special shipping information: Not DOT regulated.

SECTION 15 - REGULATORY INFORMATION

TSCA Inventory Status:

All chemical components are listed on or exempt from the TSCA inventory.

OSHA Status: There are no known hazardous components above regulatory thresholds in this product

SARA 313

This product contains the following toxic chemical(s) 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.

HMIS Classification: HEALTH 1, FLAMMABILITY 1, REACTIVITY 0

SECTION 16 - OTHER INFORMATION

The information and recommendations contained herein are based upon data that are believed to be accurate and reliable. Application and performance information are provided only as a guide, since the conditions of use are beyond the control of Harwick Standard Distribution Corporation. Consequently, Harwick Standard makes no warranties, express or implied, with respect to the goods or use of the goods or the performance of the goods and makes no warranties of fitness for a particular purpose or merchantability. Buyer acknowledges that Harwick Standard will not be liable for consequential, incidental, direct or special damages arising, directly or indirectly, in respect to such goods or the use or failure thereof, whether based on breach of warranty, negligence, strict liability in tort or otherwise.

Harwick Standard Distribution Corporation

www.harwickstandard.com