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THE POWER OF THREE[®]

PHARMCO-AAPER

AND COMMERCIAL ALCOHOLS

Product Information (203) 740-3471 / Emergency Assistance CHEMTREC 1-800-424-9300

MATERIAL SAFETY DATA SHEETS

Manufacturer: PHARMCO-AAPER
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Emergency Contact:
CHEMTREC 1-800-424-9300

Diocetyl Sebacate

CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Di-(2-ethylhexyl) Sebacate [Diocetyl sebacate]

Chemical Name: Same Cas Number: 122-62-3

Molecular Formula: C₂₆H₅₀O₄

COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS NO.	%
Di-(2-ethylhexyl) Sebacate	122-62-3	100

HAZARDS IDENTIFICATION

Potential Health Effects:

Skin Contact: Repeated or prolonged skin contact may cause skin irritation.

Eye Contact: May cause slight eye irritation of susceptible persons.

Ingestion: Substance may be harmful if swallowed. May irritate mouth, throat and stomach.

Inhalation: May cause dizziness.

FIRST-AID MEASURES

Eye Contact: Flush eyes with large amounts of water for at least 15 minutes.

Skin Contact: Wash affected area with soap and water. Seek medical attention if symptoms persist.

Inhalation: Person should be moved to a fresh air environment.
Ingestion: Seek medical advice.

FIREFIGHTING MEASURES

Flash Point: 440oF Test Method: N/A
Autoignition Temperature: N/A Test Method: N/A
Flammable Limits: Lower: N/A Upper: N/A
Extinguishing Media: CO2, dry chemical, water fog
Fire Fighting: Wear self-contained breathing apparatus and protective clothing..
Unusual Hazards: None known

ACCIDENTAL RELEASE MEASURES

Spill and Leak Procedures:
Dike and contain the spill with inert material (ie: 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 use. Wash affected skin areas with soap and water. Keep spills out of all sewers and bodies of water.

HANDLING AND STORAGE

Any use of this product in an elevated process, should be evaluated to establish and maintain safe operating procedures.
Keep from contact with oxidizing materials. Containers should be kept tightly closed and stored in a dry well-ventilated place.

EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: None required for normal operation.
Hand Protection: Impervious gloves
Eye Protection: Safety glasses
Other: Eyewash facility in vicinity.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: Colorless liquid with a mild odor
Viscosity: 17.4 cp (25oC) Boiling Point: 248oC (4mm)
Melting Point: -55oC Vapor Pressure: 0.1 @ 150oC
Vapor Density: N/A % Volatiles: N/A
Evaporation Rate: N/A Specific Gravity: 0.915 (20oC)
Solubility in water: < 0.1% Refractive Index: nD 25 1.448

STABILITY AND CHEMICAL PROPERTIES

Stability: Stable under normal conditions
Hazardous Polymerization: Will not occur
Conditions to Avoid: N/A
Materials to Avoid: Strong oxidizing agents
Hazardous Decomposition
Products: CO, CO2

TOXICOLOGICAL INFORMATION

Acute Toxicity:

Primary Ocular Irritancy (rabbits): Not an irritant

Primary Skin Irritancy (rabbits): Not an irritant or a corrosive

Acute Oral LD50 (rats): >5.0 g/kg

Acute Dermal LD50 (rabbits): >2.0 g/kg

Local Effects:

If material comes in contact with skin or eyes, slight irritation may occur. Avoid such contact with proper handling and personal protective equipment.

ECOLOGICAL INFORMATION

The 48 hour LC30 Daphnia Magna exposed to this material is estimated to be >1,000 mg/L.

This product does not contain any ozone depleting compounds (ODCs).

DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Waste disposal should be in accordance with existing Federal, State and Local environment regulations.

Empty Container Warnings: None known

TRANSPORTATION INFORMATION

DOT shipping name: Not Regulated

DOT Hazard: N/A

UN Number: N/A

REGULATORY INFORMATION

Toxic Substances Control Act (TSCA):

This product is listed on the TSCA inventory of the United States.

Domestic Substances List (DSL):

This product is listed on the DSL inventory of Canada.

Australian Inventory of Chemical Substances (AICS):

This product is listed on the AICS inventory of Australia.

European Inventory of Existing Chemical Substances (EINECS):

This product is listed on the EINECS inventory of Europe. Registration # 204-558-8.

Japanese Handbook of Existing and New Chemical Substances:

This product is listed in the Handbook or has been approved by Japan by new substances notification.

Korean Inventory of Existing Chemical Substances (ECL):

This product is listed on the ECL inventory of Korea.

Superfund Amendments and Reauthorization Act (SARA):

This product contains the following chemicals subject to the reporting requirements of Section 313 or Title III of

SARA and 40CFR Part 372: None

California Proposition 65:

This product contains the following 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: None

Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal or greater than the reportable quantities (RQs) in 40 CFR 302.4. Components present in this product at a level which could require reporting under the statute are: **NONE**

OTHER INFORMATION

The information contained herein is based on data considered to be accurate based on the material as packaged. However, no warranty is expressed regarding the accuracy of these data or the results to be obtained from the use thereof. If this product is combined with other materials, deteriorates, or becomes contaminated, it may pose hazards not mentioned in this MSDS. It is the user's obligation to determine the conditions of safe use of the product. While this MSDS is based on technical data judged to be reliable, PHARMCO-AAPER assumes not responsibility for the completeness or accuracy of the information contained herein.