

An ISO 9001:2000
Certified Company



THE POWER OF THREE³

PHARMCO-AAPER
AND COMMERCIAL ALCOHOLS

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

MATERIAL SAFETY DATA SHEETS

Manufacturer: PHARMCO-AAPER
58 Vale Road
Brookfield, CT 06804
Phone (203) 740-3471
Fax (203) 740-3481

1101 Isaac Shelby Drive
Shelbyville, KY 40065
Phone (502) 633-0650
Fax (502) 633-0685

Emergency Contact:
CHEMTREC 1-800-424-9300

1. CHEMICAL PRODUCT AND COMPANY INFORMATION IDENTIFICATION

Product Name Diisononyl phthalate
Molecular Formula Unspecified

2. COMPOSITION INFORMATION

Component	CAS#	%
Diisononyl phthalate	68515-48-0	100

3. HAZARDS INFORMATION

EMERGENCY OVERVIEW

Appearance: Clear, oily to light yellow liquid **Odor:** Mild

Hazards of Product: None known

Potential Health Effects:

Slightly irritating to the eyes but does not injure tissue. Frequent or prolonged contact may irritate the skin. Negligible inhalation hazard at ambient temperature (-18 to 38°C). Minimal ingestion toxicity.

4. FIRST AID PROCEDURES

INHALATION:

Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention.

EYE CONTACT:

Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

SKIN CONTACT:

Flush with large amounts of water; use soap if available.

INGESTION:

If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

NOTES TO PHYSICIAN: None known

5. FIREFIGHTING MEASURES

Flash Point: >200°F Auto Ignition Temperature: N/A

Flammable Limits: N/A

EXTINGUISHING MEDIA:

Foam, dry chemical, water spray

SPECIAL FIREFIGHTING PROCEDURES:

Wear self-contained breathing apparatus and protective clothing. Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Avoid spraying water directly into storage containers due to danger of boil over.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Low hazard, liquid can burn upon heating to temperatures at or above the flash point. Toxic gases will form upon combustion. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

HAZARDOUS COMBUSTION PRODUCTS:

No unusual

SCIENTIFIC POLYMER PRODUCTS, INC.

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled:

Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, keep public away and advise authorities. Contain spill with inert material and place into suitable containers for disposal.

7. HANDLING AND STORAGE

HANDLING:

Handle and open containers with care. Do NOT handle or store near an open flame, heat or other sources of ignition. When pouring material can accumulate static charges which may cause an electrical spark.

STORAGE:

Store in a cool, well ventilated place away from incompatible materials. Protect material from direct sunlight.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

EXPOSURE LIMITS:

TWA of 5 mg/m³ for alkly phthalates (C6 – C13)

PERSONAL PROTECTION:

Respiratory:

When other means of exposure reduction are not adequate, a respirator may be needed.

Eye Protection: Safety glasses with side shields

Skin Protection: Natural rubber, butyl rubber and PVC are not suitable – use neoprene

ENGINEERING CONTROLS:

The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a lab hood. Provide mechanical ventilation of confined spaces.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, oily, colorless to light yellow liquid

Odor: Mild

Specific Gravity: 0.97 (68°F) Vapor Pressure: Negligible

Solubility in Water: Negligible Viscosity: 106 @ 68°F

Freezing/Melting Point: -38°F Pour point

10. STABILITY AND REACTIVITY

Stability: Stable Hazardous Polymerization: Will not occur

Conditions to Avoid: None known

Materials to Avoid: Oxidizing agents

11. TOXICOLOGICAL INFORMATION

No information available

12. ECOLOGICAL INFORMATION

No information available

13. DISPOSAL CONSIDERATIONS

All recovered material should be packaged, labeled, transported, and disposed or reclaimed in conformance with applicable laws and regulations and in conformance with Good Engineering Practices.

14. TRANSPORT INFORMATION

Shipping Name: Not regulated Hazard Class: N/A

Packing Group: N/A UN#: N/A

15. REGULATORY INFORMATION

TSCA: This product is listed on the TSCA Inventory

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**

16. OTHER INFORMATION

HMIS HAZARD RATING

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

PERSONAL PROTECTION: B

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.