

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Uniplex DNHP

Synonyms: Di-n-hexylphthalate, DNHP

MANUFACTURER:

Unitex Chemical Corporation
520 Broome Road
P.O. Box 16344
Greensboro, NC 27406

EMERGENCY TELEPHONE NUMBERS:

Emergency Telephone Number: CHEMTREC 1 (800) 424-9300
International 1 (703) 527-3887
Telephone Number for Information:
(336) 378-0965 (Monday - Friday 8:00 a.m. - 5:00 p.m.)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Components</u>	<u>% (optional)</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>CAS NO.</u>
Di-n-Hexyl Phthalate	> 99	Not established		84-75-3

3. HAZARDS IDENTIFICATION

Emergency Overview: Clear, oily liquid, may be irritating to mucous membranes and eyes; can cause central nervous system depression when ingested. Normally, not irritating to, or absorbed through the skin.

Potential Health Effects: High vapor concentrations are irritating to nose, throat, lungs, and eyes. May cause depression of central nervous system, if swallowed.

Eye Contact: Irritating, but no permanent damage if washed out from eyes promptly with water.

Skin Contact: May be mildly irritating to the skin.

Ingestion: **DO NOT INGEST.** May cause central nervous system depression.

Chronic: ND (Not determined)

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4. FIRST AID MEASURES

Inhalation: Remove victim to fresh air; give artificial respiration if breathing has stopped. Get medical attention promptly.

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

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If irritation persists, get medical attention.

Ingestion: If swallowed, do not induce vomiting; get prompt medical attention.

5. FIRE FIGHTING MEASURES

Flash Point: 382°F (194°C) Cleveland Open Cup

General Hazard: Uniplex DNHP will burn if involved in fire; Carbon Dioxide and Carbon Monoxide will be formed upon combustion.

Fire Fighting Instructions: Extinguish with water fog or spray, CO₂, dry chemical, foam, or earth/mud. **DO NOT** use direct water stream, as material will be spread--treat as burning oil.

Hazardous Combustion Products: Carbon Dioxide, Carbon Monoxide.

6. ACCIDENTAL RELEASE MEASURES

Land Spill: Contain spill and pump into containers for disposal. Avoid runoff into sewers and storm drains. Contain small spills and absorb with an inert material, such as sand or vermiculite.

Water Spill: Remove from water surface by skimming or with suitable absorbents, such as straw.

7. HANDLING AND STORAGE

Storage Temperature: Ambient Storage Pressure: Pressureless

General: General warehousing conditions are satisfactory for this material.

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8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation is recommended to keep exposure below limits--see Section 2 for exposure guidelines.

Personal Protection: If concentrations are over exposure limit, use OSHA-approved respirator.

Respirator: Use OSHA-approved respirator if concentrations are above exposure limits--See Section 2.

Protective Clothing: Splash proof goggles and vinyl, or rubber gloves. Exercise good chemical handling practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	: <0.01 mm at 20°C	Vapor Density (Air = 1)	: ND
Specific Gravity	: Approx. 1.003	Evaporation Rate	: < 1 (Butyl Acetate = 1)
Solubility in Water	: Insoluble	Freezing Point	: < -50°C
pH	: NA	Odor	: Mild, characteristic ester odor
Boiling Point	: 211°C at 5 mm Hg	Appearance	: Clear, oily liquid
Viscosity	: 22 cP	Physical State	: Liquid

10. STABILITY AND REACTIVITY

General: Stable under normal warehousing, handling, and use conditions.

Incompatible Materials and Conditions to Avoid: Strong oxidizing agents.

Hazardous Decomposition: Carbon Dioxide and Carbon Monoxide.

11. TOXICOLOGICAL INFORMATION

Not established.

12. ECOLOGICAL INFORMATION

Not established.

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13. DISPOSAL CONSIDERATIONS

Incineration by a permitted hazardous waste facility in accordance with all local, state, and federal regulations is the preferred method of disposal.

14. TRANSPORT INFORMATION

DOT shipping Not Regulated
Emergency Response Guide #171
IMDG Status: Not Regulated
TDG (Canada): Not Regulated

15. REGULATORY INFORMATION

OSHA Status: This product is a hazardous chemical under 29 CFR 1200.
TSCA Status: Registered on TSCA Inventory
CERCLA Reportable Quantity: None established
SARA Title III:
 Section 302 Extremely Hazardous Substances: None
 Sections 311/312 Hazard Categories: Immediate Health Hazard/Delayed Health Hazard
 Section 313 Toxic Chemicals: Not reportable
RCRA Status: Not reportable

16. OTHER INFORMATION

Uniplex DNHP is not listed by IARC, ACGIH, NTP, or OSHA as a carcinogen.

	HAZARD RATINGS	
	NFPA	HMIS
Health	1	1
Flammability	1	1
Reactivity	0	0