



MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Uniplex BCHP
Synonyms: Butyl Cyclohexyl Phthalate

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>
Butyl Cyclohexyl Phthalate		NA	NA	84-64-0
Dibutyl Phthalate	< 50	5mg/m ³ TWA	5mg/m ³	84-74-2
Dicyclohexyl Phthalate		NA	NA	84-61-7

3. HAZARDS IDENTIFICATION

Emergency Overview: Clear oily liquid; may be irritating to mucous membranes and eyes. Normally not irritating to, nor absorbed through, skin.

Potential Health Effects: High vapor concentration may be irritating to nose, throat, lungs and eyes.

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

Skin Contact: May be mildly irritating to skin.

Ingestion: DO NOT INGEST.

Chronic: ND

Product Name: Uniplex BCHP

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 launder 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: 403°F COC

General Hazard: Uniplex BCHP will burn if involved in fire. Carbon dioxide and carbon monoxide will be formed upon combustion.

Fire Fighting Instructions: Extinguish with water spray, CO₂, dry chemical, foam or earth/sand/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/shovel into containers for disposal. Avoid run-off into streams, sewers and storm drains. Contain small spills and absorb with an inert material such as sand, mud, earth or vermiculite.

Water Spill: Remove from water surface by skimming or with suitable absorbents such as straw. Dam below spill and pump material from the bottom of the stream/water.

7. HANDLING AND STORAGE

Storage Temperature: Ambient Storage Pressure: Ambient

General: General warehousing conditions are satisfactory for this material, however some crystallization may occur. The product should be warmed and stirred before use.

Product Name: Uniplex BCHP

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 limits - 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	: <u>ND</u>	Vapor Density (Air = 1)	: <u>ND</u>
Specific Gravity	: <u>Approx. 1.077</u>	Evaporation Rate	: <u>< 1 (Butyl Acetate = 1)</u>
Solubility in Water	: <u>Practically insoluble</u>	Freezing Point	: <u>ND</u>
pH	: <u>NA</u>	Odor	: <u>Mild</u>
Boiling Point	: <u>ND</u>	Appearance	: <u>Clear, oily liquid</u>
Viscosity	: <u>ND</u>	Physical State	: <u>Liquid</u>

10. STABILITY AND REACTIVITY

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

Incompatible Materials and Conditions to Avoid: Strong oxidizing agents.

Hazardous Decomposition: Will not decompose under normal warehousing, handling and use conditions.

11. TOXICOLOGICAL INFORMATION

Not determined

12. ECOLOGICAL INFORMATION

Not determined

Product Name: Uniplex BCHP

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 Description: "Environmentally Hazardous Substance, Liquid, N.O.S., 9, UN3082, PG III, RQ (contain dibutyl phthalate, phthalate esters) Notify NRC/911. ERG #171
Hazard Class: 9 Identification No.: UN3082

15. REGULATORY INFORMATION

OSHA Status: This product is a hazardous chemical under 29 CFR 1200 (contains dibutyl phthalate.

TSCA Status: Registered on TSCA Inventory

CERCLA Reportable Quantity: 10 lb. (4.54Kg) - for dibutyl phthalate

RCRA Status: Hazardous waste code: U069

California Proposition 65 not included on the list of chemicals known to the state to cause cancer or reproductive toxicity.

Massachusetts Substance List: Dibutyl Phthalate

SARA Title III: Section 302: Extremely hazardous substances: none

Sections 311/312: Hazard categories: immediate health hazard/delayed health hazard.

Section 313: Toxic chemicals: reportable

16. OTHER INFORMATION

Not listed by IARC, ACGIH, NTP, nor OSHA as a carcinogen.

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

MSDS updated to ANS12400 1-1993 format

Revision summary:

1/7/97 - Update to 1996 North American Emergency Response Guidebook

1/26/98 - J. Day

8/3/98 - J. Day (Area Code Chg.)

1/25/99 - J. Day

5/11/04 - J. Day

Product Name: Uniplex BHP

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