

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Uniplex 250

Synonyms: Dicyclohexylphthalate, DCHP

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>
Dicyclohexyl Phthalate	> 99	None established	None established	84-61-7

3. HAZARDS IDENTIFICATION

Emergency Overview: Granular solid; dusts may be irritating to mucous membranes and eyes. Normally, not irritating to, or absorbed through the skin.

Potential Health Effects: High dusting concentrations 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 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: Not expected under normal use conditions. 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: 295°F COC.

General Hazard: Uniplex 250 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 and place into containers for disposal.

Water Spill: Not soluble in water—remove by physical means.

7. HANDLING AND STORAGE

Storage Temperature: Ambient Storage Pressure: Atmospheric

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 comfort level.

Personal Protection: Not required under normal use conditions.

Respirator: Not required under normal use conditions.

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	: <u>0.01 mm at 20°C</u>	Vapor Density (Air = 1)	: <u>ND</u>
Specific Gravity	: <u>Approx. 1.29</u>	Evaporation Rate	: <u>< 1 (Butyl Acetate = 1)</u>
Solubility in Water	: <u>Insoluble</u>	Freezing Point	: <u>Approx. 63°C</u>
pH	: <u>NA</u>	Odor	: <u>Mild, characteristic ester</u>
Boiling Point	: <u>ND</u>		: <u>odor</u>
Viscosity	: <u>NA</u>	Appearance	: <u>White to off white lumps</u>
			: <u>or granules</u>
		Physical State	: <u>Solid</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: Carbon Dioxide and Carbon Monoxide.

11. TOXICOLOGICAL INFORMATION

Not determined.

12. ECOLOGICAL INFORMATION

Not determined.

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13. DISPOSAL CONSIDERATIONS

Incinerate 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 : Not Regulated
IATA: Not Regulated
IMDG Status: Not Regulated
TDG (Canada): Not regulated

15. REGULATORY INFORMATION

OSHA Status: This product is not a hazardous chemical under 29 CFR 1200.
TSCA Status: Registered on TSCA Inventory
CERCLA Reportable Quantity: No final RQ has been established by EPA.
SARA Title III:
Section 302 Extremely Hazardous Substances: None
Sections 311/312 Hazard Categories: (Not reportable)
Section 313 Toxic Chemicals: Not reportable

16. OTHER INFORMATION

Dicyclohexyl Phthalate 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

Revision Summary:

2/5/96 - J. Day
2/27/96 - R. Hassell
3/19/96 - G. Hooper
1/7/97 - Update to 1996 North American Emergency Response Guidebook
1/26/98 - J. Day
8/3/98 - J. Day (Areas Code Chg.)
5/11/04 - J. Day
09/07/07 - J. Day (DOT: IATA: NOT REGULATED)
