



# MATERIAL SAFETY DATA SHEET

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Uniplex DBS  
**Synonyms:** Di-n-Butyl Sebacate

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### 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.)

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## 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-Butyl Sebacate	> 99%	Not Established		109-43-3

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## 3. HAZARDS IDENTIFICATION

Emergency Overview: Do not breathe vapors; do not ingest; avoid contact with skin, eyes, or clothing. Wash thoroughly after handling; do not eat, drink, or smoke in work areas.

Potential Health Effects: May cause skin irritation. Inhalation of mist may cause irritation to the respiratory tract.

Eye Contact: May cause burning sensation, irritation accompanied with pain and corneal or conjunctival ulceration in severe cases.

Skin Contact: May cause irritation, stinging, redness, and some swelling.

Ingestion: May cause severe burning in the mouth and digestive tract.

Chronic: None known.

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#### **4. FIRST AID MEASURES**

Inhalation: Remove to fresh air if coughing, soreness in respiratory tract, chest tightness, or difficulty in breathing occurs.

Eye Contact: Immediately flush with large quantities of water for at least 15 minutes, while holding the eyelids open. Do not attempt to neutralize with chemical agents. Contact a physician if irritation persists.

Skin Contact: Immediately remove contaminated clothing and flush area with large quantities of water for at least 15 minutes. Contact a physician if irritation persists.

Ingestion: If patient is conscious, give several glasses of water for dilution effect and contact a physician. Do not induce vomiting. Do not give an unconscious person anything by mouth.

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#### **5. FIRE FIGHTING MEASURES**

Flash Point: 185°C Cleveland Open Cup

Autoignition Temperature: Not available.

General Hazard: Treat as burning oil.

Fire Fighting Instructions: Extinguishing media--water fog or spray; carbon dioxide; foam; or earth and mud.

Hazardous Combustion Products: Oxides of Carbon.

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#### **6. ACCIDENTAL RELEASE MEASURES**

Land Spill: Evacuate area of nonessential personnel. Ventilate area as required. Prevent spill from entering drinking water supplies or streams.

Water Spill: Remove product layered on water by mechanical means. Place spill in appropriate container for disposal in approved facilities.

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#### **7. HANDLING AND STORAGE**

Storage Temperature: Ambient                      Storage Pressure: Pressureless

General: Store in cool, dry, and well-ventilated area. Keep containers closed.

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## 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Control to comfort level.

Personal Protection: Splash-proof goggles with rubber, PVC, or impervious chemical gloves.

Respirator: None required. Use NIOSH organic vapor cartridge respirator for remediation of large spills.

Protective Clothing: Impervious chemical clothing for remediation of large spills.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure:	<u>ND</u>	Vapor Density (Air = 1) :	<u>&gt;10</u>
Specific Gravity:	<u>0.935-0.940</u>	Evaporation Rate :	<u>&lt;0.05</u>
Solubility in Water:	<u>Insoluble</u>	Freezing Point :	<u>12°C</u>
pH:	<u>NA</u>	Odor :	<u>Characteristic</u>
Boiling Point:	<u>ND</u>	Appearance :	<u>Clear, colorless liquid</u>
Viscosity:	<u>ND</u>	Physical State :	<u>Liquid</u>

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## 10. STABILITY AND REACTIVITY

General: Stable

Incompatible Materials and Conditions to Avoid: None known

Hazardous Decomposition: None known

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## 11. TOXICOLOGICAL INFORMATION

RTECS#: CAS# 109-43-3: VS<sub>11</sub> 50000.

LD<sub>50</sub>/LC<sub>50</sub>: CAS# 109-43-3: Oral, mouse: LD<sub>50</sub>=19500 mg/Kg; Oral, rat: LD<sub>50</sub>=16 g/Kg  
Not listed as a carcinogen by IARC, ACGIH, NTP, or OSHA.

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## 12. ECOLOGICAL INFORMATION

None known.

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### 13. DISPOSAL CONSIDERATIONS

This product is registered by TSCA and DSL (Canada). The product should be incinerated, according to state Federal regulations.

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### 14. TRANSPORT INFORMATION

Nonhazardous; not regulated by DOT, IMO, IATA or RID/ADR.

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### 15. REGULATORY INFORMATION

This product is registered by TSCA. None of the chemicals in this material are on the Health & Safety Reporting List, Chemical Test Rules, Section I2b or have a SNUR under TSCA.

None of the chemicals in this material have a RQ, TPQ under section 302 or are reportable under Section 313 of SARA.

This material does not contain any hazardous air pollutants, Class 1 or Class 2 ozone depleters under the Clean Air Act.

None of the chemicals in this product are listed as hazardous substances, priority pollutants or toxic pollutants under the Clean Water Act.

None of the chemicals in this product are considered highly hazardous by OSHA.

Di-n-butyl Sebacate is not present on state lists from CA, PA, MN, FL or NJ. California – no significant risk level: none of the chemicals in this product are listed.

European labeling in accordance with EC Directives.

Hazard Symbols: Not Available

Risk Phrases:

Safety Phrases:

S<sub>24/25</sub> Avoid contact with skin and eyes.

Di-n-butyl Sebacate is listed on Canada's DSL/NDSL List.

WHMIS: Not available.

Di-n-butyl Sebacate is not on Canada's Ingredient Disclosure Lists.

Di-n-butyl Sebacate: OEL-RUSSIA: STEL 10 mg/m<sup>3</sup>

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## 16. OTHER INFORMATION

No specific notes.

MSDS Status: Update to ANS1Z400.1-1993 format.

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

Revision Summary:

2/11/92 – M. Hooper

6/21/06 - J. Day Reviewed and Update Format