

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Uniplex 165
Synonyms: Diisobutyl Adipate

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>
Diisobutyl Adipate			Not established	141-04-8

3. HAZARDS IDENTIFICATION

Emergency Overview: Clear, oily liquid may cause mild eye irritation. 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 and eye irritation. Inhalation of mist may cause irritation to the respiratory tract.

Eye Contact: May cause burning sensation; flush eyes with large amounts of water.

Skin Contact: Repeated or prolonged skin contact may cause irritation.

Chronic: None known.

Product Name: Uniplex 165

4. FIRST AID MEASURES

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

Eye Contact: Flush eyes holding the eyelids open with large amounts of water until irritation subsides. If irritation persists, seek medical attention.

Skin Contact: Remove contaminated clothing and wash thoroughly with soap and water. Seek medical attention if irritation persists.

Ingestion: If patient is conscious, give several glasses of water for diluent effect and seek medical attention. Do not induce vomiting. Do not give an unconscious person anything by mouth.

5. FIRE FIGHTING MEASURES

Flash Point: 320°F Cleveland Open Cup

General Hazard: Treat as burning oil.

Fire Fighting Instructions: Extinguish with CO₂, dry chemical, alcohol foam or foam. **DO NOT** use water, water may cause frothing.

Hazardous Combustion Products: Carbon Dioxide, Carbon Monoxide.

6. ACCIDENTAL RELEASE MEASURES

Land Spill: Absorb with sand or other absorbent material. Shovel into containers for disposal. Ventilate as required.

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

7. HANDLING AND STORAGE

Storage Temperature: Ambient Storage Pressure: Ambient

General: General warehousing conditions are satisfactory for this material.

Product Name: Uniplex 165

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: Local exhaust ventilation is recommended to keep exposure below OSHA levels.

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

Respirator: Use NIOSH organic vapor cartridge respirator for remediation of large spills.

Protective Clothing: Splash proof goggles and impervious chemical gloves. Exercise good chemical handling practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	: <0.01 mm at 20°C	Vapor Density (Air = 1)	: NA
Specific Gravity	: Approx. 0.9538	Evaporation Rate	: < 1 (Butyl Acetate = 1)
Solubility in Water	: < 0.1%	Freezing Point	: NA
pH	: NA	Odor	: low odor
Boiling Point	: 293°C	Appearance	: Clear, oily liquid
Viscosity	: NA	Physical State	: Liquid

10. STABILITY AND REACTIVITY

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

Incompatible Materials and Conditions to Avoid: Strong bases, strong acids.

Hazardous Decomposition: Carbon Dioxide and Carbon Monoxide.

11. TOXICOLOGICAL INFORMATION

Not established. Not listed as a carcinogen by ACGIH, NTP, IARC, or OSHA.

12. ECOLOGICAL INFORMATION

Not established.

13. DISPOSAL CONSIDERATIONS

Product Name: Uniplex 165

This product is registered by TSCA. Dispose in accordance with all local, state, and federal regulations .

14. TRANSPORT INFORMATION

Not regulated by DOT.

15. REGULATORY INFORMATION

This product is registered by TSCA. This product is not hazardous as defined by OSHA (29 CFR 1910.1200).

16. OTHER INFORMATION

Diisobutyl Adipate is not listed by IARC, ACGIH, NPT, or OSHA as a carcinogen.

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

Revision Summary:

9/9/96 - G. Hooper

1/26/98 - J. Day

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

5/11/04 – J.Day

6/23/09 – D.Young