



# Material Safety Data Sheet

<b>NFPA</b> 	<b>HCS Risk Phrases</b> Not controlled under the HCS (United States).	<b>Protective Clothing</b> 
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## Section I: Chemical Product and Company Identification

<b>Common Name/ Trade Name</b> <b>ADMEX 525</b>	<b>In case of Emergency</b> In the continental U.S.A. call CHEMTREC 800-424-9300 (24 Hours)  Outside of the continental U.S.A. call CHEMTREC 703-527-3887 (24 Hours)
<b>Supplier</b> Velsicol Chemical Corporation 10400 W. Higgins Road Rosemont, IL 60018 U.S.A. Phone (847) 298-9000 FAX (847) 298-9015	<b>Manufacturer</b> Velsicol Chemical Corporation 10400 W. Higgins Road Rosemont, IL 60018 U.S.A. Phone: 847-298-9000 FAX: 847-298-9015
<b>Synonym</b> Dibasic acid glycol polyester	<b>Material Uses</b>  Paper industry: Coating. Textile industry: Coated fabrics
<b>Chemical Name</b> Hexanedioic acid, polymer with 1,3-isobenzofurandione, and 1,2-propanediol, diisodecyl ester	
<b>Chemical Family</b> Polymer.	
<b>Chemical Formula</b> Not available.	

## Section II: Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	OSHA Hazardous Ingredients
Hexanedioic acid, polymer with 1,3-isobenzofurandione and 1,3-propanediol, diisodecyl ester	68511-08-0	100	Not available.	No

## Section III: Hazards Identification

<b>Emergency Overview</b>	Clear, bright      Viscous liquid      Mild ester odor. <b>HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.</b>
<b>Potential Health Effects</b>	Inhalation and skin contact are expected to be the primary routes of occupational exposure to Admex 525. Direct contact with liquid may cause eye and skin irritation. May be harmful if swallowed. Mists or vapors from hot processing may cause eye and skin irritation, nausea and vomiting.

## Section IV: First Aid Measures

<b>Eye Contact</b>	Immediately flush with plenty of water. Get medical attention if irritation persists.
<b>Skin Contact</b>	Flush the area with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops and persists. Thoroughly clean shoes before reuse.
<b>Inhalation</b>	Remove to fresh air.

Ingestion	If swallowed, induce vomiting immediately as directed by medical personnel. Get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
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### Section V: Fire and Explosion Data

Flammability of the Product	Combustible.
Auto-Ignition Temperature	Not available.
Flash Points	OPEN CUP: 282.22°C (540°F) (C.O.C.)
Flammable Limits	Not available.
Fire and Explosion Hazards	Slightly flammable in presence of open flames, oxidizing materials, or combustible materials. Very slightly flammable in presence of heat and sparks. Not considered to present risks of explosion.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemicals, CO2, water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.  Firefighters and others who may be exposed to products of combustion should wear full firefighting turnout gear and self contained breathing apparatus. Firefighting equipment should be thoroughly decontaminated after use.

### Section VI: Accidental Release Measures

Small Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal container.
Large Spill	Stop the leak if possible. Remove all ignition sources. Ventilate the area involved. Absorb with an inert material and put the spilled material in an appropriate waste disposal container.

### Section VII: Handling and Storage

Handling	Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of material from eyes, skin and clothing. Keep away from sources of ignition.
Storage	Store in well ventilated area away from sources of ignition.

### Section VIII: Exposure Controls/Personal Protection

Engineering Controls	Investigate engineering controls to reduce exposures. If practical, use local mechanical exhaust ventilation at sources of air contamination such as open process equipment. Provide ventilation if necessary to minimize exposure.
Personal Protection	Safety glasses. Lab coat. Gloves.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Vapor respirator. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

### Section IX: Physical and Chemical Properties

Physical state and appearance	Viscous liquid
Color	Clear, bright
Odor	Mild ester odor.
Boiling Point	>218.33°C (426.8°F)
Melting Point	Not available.
Critical Temperature	Not available.

Specific Gravity	1.04 (Water = 1)
Vapor Pressure	<0.001 mm of Hg (@ 20°C)
Vapor Density	Greater than air.
Volatility	Non volatile
Odor Threshold	Not available.
Evaporation rate	Lower than 1. [Ether]
Viscosity	350 cPs
Solubility	Very slightly soluble in cold water.
pH (1% soln/water)	Not available.
Molecular Weight	1300

**Section X - Stability and Reactivity Data**

Stability	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	No additional remark.
Incompatibility with various substances	No specific information is available.
Corrosivity	No specific information is available.
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	Not available.

**Section XI - Toxicological Information**

Toxicity to Animals	Not available.
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**Section XII - Ecological Information**

Ecotoxicology	Not available.
Chemical Fate	Not available.

**Section XIII - Disposal Considerations**

Waste Disposal	Recycle to process, if possible. Consult your local or regional authorities for disposal options.
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**Section XIV - Transport Information**



DOT Proper Shipping Name	Not Regulated.
DOT Hazard Class	Not a DOT controlled material (United States).
UN Identification Number	Not applicable.

DOT (Pictograms)



Packing Group	Not applicable
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**Section XV Other Regulatory Information and Pictograms**

<b>Federal and State Regulations</b>	On TSCA Chemical Inventory.													
<b>Other Classifications</b>	WHMIS (Canada) Not controlled under WHMIS (Canada).													
	WHMIS (Canada) (Pictograms)													
	TDG (Canada) (Pictograms)													
<b>HMIS (U.S.A.)</b>	<table border="1"> <tr> <td>Health Hazard</td> <td>1</td> </tr> <tr> <td>Fire Hazard</td> <td>1</td> </tr> <tr> <td>Reactivity</td> <td>0</td> </tr> <tr> <td>Personal Protection</td> <td>0</td> </tr> </table>	Health Hazard	1	Fire Hazard	1	Reactivity	0	Personal Protection	0	<b>National Fire Protection Association (U.S.A.)</b> Health <table border="1"> <tr> <td>1</td> <td>1</td> <td>0</td> </tr> </table>	1	1	0	<b>Fire Hazard</b> <b>Reactivity</b> <b>Specific hazard</b>
Health Hazard	1													
Fire Hazard	1													
Reactivity	0													
Personal Protection	0													
1	1	0												

**Section XVI Other Information**

<b>References</b>	-CHEMLIST Database, Chemical Abstract Service, 6/26/96 -ICRMS Inventories Database, Ariel Research Corporation, 7/05/96 -Material Safety Data Sheet, Velsicol Chemical Corporation, 12/95 -REGISTRY Database, Chemical Abstract Service, 6/26/96		
<b>Other Special Considerations</b>	No additional remark.		
<b>Validated by</b>	Amy M. Bredbenner on 6/22/98.	<b>Verified by</b>	Amy M. Bredbenner.
<b>Supercedes</b>	January 1995	<b>Printed</b>	6/25/98.
<b>Revision</b>	Updated entire MSDS to ANSI sixteen section format.		

**Notice to Reader**

*To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.*

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