



# 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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<b>Section I: Chemical Product and Company Identification</b>	
<b>Common Name/ Trade Name</b> <b>ADMEX 2632 Plasticizer</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> Not available.	<b>Material Uses</b> Hospital sheeting, beverage tubing and food equipment coating.
<b>Chemical Name</b> Hexanedioic acid, polymer with 1,3-butanediol, Palmitic acid ester	
<b>Chemical Family</b> Polymer	
<b>Chemical Formula</b> Not available.	

<b>Section II: Composition and Information on Ingredients</b>				
Name	CAS #	% by Weight	TLV/PEL	OSHA Hazardous Ingredients
Hexanedioic acid, polymer with 1,3-butanediol, palmitic acid ester	68989-56-0	100	Not available.	No

<b>Section III: Hazards Identification</b>	
<b>Emergency Overview</b>	Clear, bright (light) 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 2632. This material is not expected to cause significant adverse health effects when good industrial hygiene and safety practices are followed. This material is considered, on the basis of single exposure animal tests, to be practically non-toxic if swallowed, no more than slightly toxic and non-irritating after skin contact and practically non-irritating to eyes.

<b>Section IV: First Aid Measures</b>	
<b>Eye Contact</b>	Flush with plenty of water. Seek 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.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	If swallowed, induce vomiting as directed by medical personnel. Get medical attention. <b>NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.</b>

**Section VI: Fire and Explosion Data**

Flammability of the Product	Combustible.
Auto-Ignition Temperature	Not available.
Flash Points	OPEN CUP: 285°C (545°F) (C.O.C.)
Flammable Limits	Not available.
Fire and Explosion Hazards	Burning of this product may produce carbon monoxide, carbon dioxide and various hydrocarbons. 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 VII: Accidental Release Measures**

Small Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal container.
Large Spill	Keep away from heat. Keep away from sources of ignition. Stop leak if without risk. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

**Section VIII: 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 techniques to reduce exposures. Provide ventilation if necessary to minimize exposure. If practical use local mechanical exhaust ventilation at sources of air contamination such as open process equipment.
Personal Protection	Safety glasses. Lab coat. Gloves.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

**Section IX: Physical and Chemical Properties**

Physical state and appearance	Liquid.
Color	Clear, bright (Light)
Odor	Mild ester odor.
Boiling Point	Not available.
Melting Point	Not available.
Critical Temperature	Not available.
Specific Gravity	1.08 (Water = 1)

Vapor Pressure	Not available.
Vapor Density	Not available.
Volatility	Not available.
Odor Threshold	Not available.
Evaporation rate	Not available.
Viscosity	3380 cps
Solubility	Solubility in water is negligible.
pH (1% soln/water)	Not applicable.
Molecular Weight	Not available.

**Section XII: Stability and Reactivity Data**

Stability	The product is stable.
Instability Temperature	Not available.
Conditions of Instability	No additional remark.
Incompatibility with various substances	Incompatible with strong oxidizing agents.
Corrosivity	No specific information is available in our database regarding the corrosivity of this product in presence of various materials.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Not available.

**Section XIII: Toxicological Information**

<p>Toxicity to Animals</p> <p>Oral - Practically Non-toxic to rats (LD50 &gt; 5,000 mg/kg)</p> <p>Dermal - No More Than Slightly Toxic to Rabbits (LD50 &gt; 2,000 mg/kg)</p> <p>Eye Irritation - Practically Non-irritating to Rabbits (0.9/110.0)</p> <p>Skin Irritation - Non-irritating to Rabbits (0.0/8.0)</p> <p>No allergic skin reaction was reported after repeated skin application to guinea pigs.</p>
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**Section XIV: Ecological Information**

Ecotoxicology	Not available.
Chemical Fate	Not available. No additional remark.

**Section XV: Disposal Considerations**

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

DOT Proper Shipping Name	NONE
DOT Hazard Class	Not a DOT controlled material (United States).
UN Identification Number	Not applicable

DOT (Pictograms)



Packing Group

NONE

**Section 21 Other Regulatory Information and Pictograms**

Federal and State Regulations No additional remark.

Other Classifications

WHMIS (Canada) Not controlled under WHMIS (Canada).

WHMIS (Canada) (Pictograms)



TDG (Canada) (Pictograms)

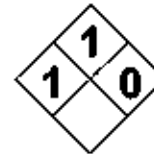


HMIS (U.S.A.)

Health Hazard	1
Fire Hazard	1
Reactivity	0
Personal Protection	0

National Fire Protection Association (U.S.A.)

Health



Fire Hazard

Reactivity

Specific hazard

**Section 22 Other Information**

References

- CHEMLIST Database, Chemical Abstract Service
- ICRMS Inventories Database, Ariel Research Corporation
- Material Safety Data Sheet, Velsicol Chemical Corporation, 12/95
- REGISTRY Database, Chemical Abstract Service
- Velsicol Chemical Corporation, unpublished studies

Other Special Considerations

No additional remark.

Validated by Amy M. Bredbenner on 10/28/97.

Verified by Amy M. Bredbenner.

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Revision

Revised Section 7

**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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