



# Material Safety Data Sheet

NFPA	HCS Risk Phrases	Protective Clothing
	Not controlled under the HCS (United States).	

## Section I: Chemical Product and Company Identification

<p><b>Common Name/Trade Name</b>     <b>ADMEX 6187 Plasticizer</b></p>	<p><b>In case of Emergency</b></p> <p>In the continental U.S.A. call CHEMTREC 800-424-9300 (24 Hours)</p> <p>Outside of the continental U.S.A. call CHEMTREC 703-527-3887 (24 Hours)</p>
<p><b>Supplier</b></p> <p>Velsicol Chemical Corporation 10400 W. Higgins Road Rosemont, IL 60018 U.S.A. Phone (847) 298-9000 FAX (847) 298-9015</p>	<p><b>Manufacturer</b></p> <p>Velsicol Chemical Corporation 10400 W. Higgins Road Rosemont, IL 60018 U.S.A. Phone: 847-298-9000 FAX: 847-298-9015</p>
<p><b>Synonym</b>     Not available.</p>	<p><b>Material Uses</b></p>
<p><b>Chemical Name</b>     Hexanedioic acid, polymer with 1,3 butanediol, 2-ethylhexyl ester</p>	<p>Coatings: Electrical cable insulation Industrial applications: Gas and hose tubing Textile industry: Solvent resistant for boots, gloves and aprons. Other non specified industry: Wall and shelf coverings.</p>
<p><b>Chemical Family</b>     Polymer</p>	
<p><b>Chemical Formula</b>     Not available.</p>	

## Section II: Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	OSHA Hazardous Ingredients
1,3-Butanediol, polymer with hexanedioic acid, 2-ethylhexyl ester	63149-79-1	100	Not available.	No

## Section III: Hazards Identification

<b>Emergency Overview</b>	Clear, bright (Light) Liquid. Ester-like 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 6187. This material is not expected to cause significant adverse health effects when good industrial hygiene and safety practices are followed. When processed at high temperatures, vapors may cause eye, skin and respiratory tract irritation. In severe cases, vapors may cause nausea and vomiting.
	ADMEX 6187 is considered, on the basis of single exposure animal tests, to be practically non-toxic after ingestion (swallowing), slightly irritating to eyes and non-irritating to skin.

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**HARWICK STANDARD**  
DISTRIBUTION CORPORATION  
60 S. Selberling Street - Akron, Ohio 44305  
Akron - Chicago - Northeast - Southern - West Coast

**Section VI First Aid Measures**

Eye Contact	Flush with plenty of water. Seek medical attention if irritation persists.
Skin Contact	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.
Inhalation	Remove to fresh air. If breathing is difficult, get medical attention.
Ingestion	If swallowed, induce vomiting as directed by medical personnel. Get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**Section VII Fire and Explosion Data**

Flammability of the Product	Combustible.
Auto-Ignition Temperature	Not available.
Flash Points	OPEN CUP: 530°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.
Fire Fighting Media and Instructions	SMALL FIRE: Use DRY chemicals, CO <sub>2</sub> , 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 VIII Accidental Release Measures**

Small Spill	Absorb with an inert material and place 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 IX 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 X 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. Suggested protective clothing might not be sufficient; consult a specialist before handling this product.

**Section XI Physical and Chemical Properties**

Physical state and appearance	Liquid.
Color	Clear, bright (Light.)
Odor	Ester-like odor.
Boiling Point	Not available.
Melting Point	Not available.
Critical Temperature	Not available.
Specific Gravity	1.085-1.095
Vapor Pressure	< 0.001 mmHg.
Vapor Density	> 1
Volatility	<0.1%
Odor Threshold	Not available.
Evaporation rate	Not available.
Viscosity	Not available.
Solubility	Practically insoluble in water (<1%)
pH (1% soln/water)	Not available.
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	No specific information is available in our database regarding the reactivity of this material in presence of various other materials.
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**

Toxicity to Animals  Eye Irritation (rabbit)- Slightly irritating 5.5/110.0 Skin Irritation (rabbits) - Non-irritating 0.0/8.0	Acute oral toxicity (LD50): >5000 mg/kg (Rat).
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**Section XIV Ecological Information**

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

**Section XIII Disposal Considerations**

Waste Disposal Recycle to process, if possible. Consult your local or regional authorities for disposal options.

**Section XIV Transportation Information**

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



Packing Group NONE

**Section XV Other Regulatory Information and Pictograms**

Federal and State Regulations

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

WHMIS (Canada) (Pictograms)



TDG (Canada) (Pictograms)



HMS (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 XVI Other Information**

References  
 -REGISTRY Database, Chemical Abstract Service, 6/3/96  
 -LOLI Database, Chem Advisor via Micromedex Inc., 6/3/96  
 -ICRMS Inventories Database, Ariel Research Corporation, 6/3/96  
 -Material Safety Data Sheet, Velsicol Chemical Corporation, Dec. 1995  
 -Product Information Bulletin, Velsicol Chemical Corporation, June, 1991

Other Special Considerations No additional remark.

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Verified by Amy M. Bredbenner.

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**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.