



Material Safety Data Sheet

NFPA 	HCS Risk Phrases Not controlled under the HCS (United States).	Protective Clothing 
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Section I. Chemical Product and Company Identification

Common Name/ Trade Name ADMEX 429	In case of Emergency 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)
Supplier Velsicol Chemical Corporation 10400 W. Higgins Road Rosemont, IL 60018 U.S.A. Phone (847) 298-9000 FAX (847) 298-9015	Manufacturer Velsicol Chemical Corporation 10400 W. Higgins Road Rosemont, IL 60018 U.S.A. Phone: 847-298-9000 FAX: 847-298-9015
Synonym Not available.	Material Uses Polymeric plasticizer in PVC plastics.
Chemical Name Hexanedioic acid, polymer with 1,3 butanediol, 2-ethylhexyl ester	
Chemical Family Polymer	
Chemical Formula Not available.	

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

Emergency Overview	Clear, bright Liquid. Ester-like odor. HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.
Potential Health Effects	Inhalation and skin contact are expected to be the primary routes of occupational exposure to ADMEX 429. 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 429 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. Seiberling Street • Akron, Ohio 44305

Section IV. 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 V. 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 ₂ , 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 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 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 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 IX. Physical and Chemical Properties

Physical state and appearance	Liquid.
Color	Clear, bright
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	5500 cps
Solubility	Practically insoluble in water (<1%)
pH (1% soln/water)	Not available.
Molecular Weight	Varies

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 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 XI. Toxicological Information

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

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 (PIN and PG).

DOT (Pictograms)



Packing Group Not applicable.

Section XV Other Regulatory Information and Pictograms

Federal and State Regulations On TSCA Chemical Inventory.

Other Classifications

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

WHMIS (Canada) (Pictograms)



TDG (Canada) (Pictograms)

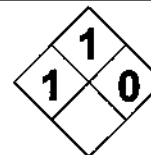


HMIS (U.S.A.)

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 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

Other Special Considerations No additional remark.

Validated by Amy M. Bredbenner on 10/27/97.

Verified by Amy M. Bredbenner.

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