



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 6995	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 Adipic acid-1,4-butanediol-propylene glycol copolymer, 2-ethylhexyl ester	Material Uses Automotive plastisol
Chemical Name Hexanedioic acid, polymer with 1,4-butanediol and 1,2-propanediol, 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
Adipic acid-1,4-butanediol-propylene glycol copolymer, 2-ethylhexyl ester	68332-61-6	100	Not available.	Not available.

Section III: Hazards Identification

Emergency Overview	Clear, bright (light) liquid. Mild ester odor. CAUTION! MAY BE HARMFUL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION.
Potential Health Effects	Inhalation and skin contact are expected to be the primary routes of occupational exposure ADMEX 6995. Direct contact with liquid may cause eye and skin irritation. Maybe harmful if swallowed. Mists or vapors from hot processing may cause eye and skin irritation, nausea and vomiting.

Section IV: First Aid Measures

Eye Contact	Immediately flush with plenty of water. Get 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.

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 VI: Fire and Explosion Data

Flammability of the Product	Combustible.
Auto-Ignition Temperature	Not available.
Flash Points	OPEN CUP: 248.88°C (480°F), COC
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.

Section VII: Accidental Release Measures

Small Spill	Absorb with an inert material and put the spilled material in an appropriate waste disposal container. May soften some plastic and paint surfaces. Clean up spills immediately.
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	Do not taste or swallow. Avoid contact with skin and eyes. Wash thoroughly after handling.
Storage	Store in well ventilated area away from sources of ignition.

Section IX: 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. Gloves. Lab coat or coveralls.
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Vapor respirator. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Section X: Physical and Chemical Properties

Physical state and appearance	Liquid.
Color	Clear, bright (Light.)
Odor	Mild ester odor.
Boiling Point	> 700 F
Melting Point	Not available.
Critical Temperature	Not available.
Specific Gravity	1.090
Vapor Pressure	0.001 mmHg
Vapor Density	Not available.

Volatility	0.62% (w/w).
Odor Threshold	Not available.
Evaporation rate	Less than butyl acetate
Viscosity	2000 cps
Solubility	Negligible
pH (1% soln/water)	Not applicable.
Molecular Weight	Not available.

Section XI 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 oxidizers. Hydrolyzed by strong alkalies.
Corrosivity	No specific information is available in our database regarding the corrosivity of this product in presence of various materials.
Hazardous Polymerization	No.
Hazardous Decomposition Products	Not available.

Section XII Toxicological Information

Toxicity to Animals	No data available
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Section XIII Ecological Information

Ecotoxicology	Not available.
Chemical Fate	Not available.

Section XIV Disposal Considerations

Waste Disposal	Recycle to process, if possible. Blend with fuel oil and burn as an energy source. Incinerate. Consult your local or regional authorities for additional disposal options.
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Section XV Transport Information


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


Section V 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

1	1	0
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Fire Hazard
Reactivity
Specific hazard

Section VI Other Information

References

- CHEMLIST Database, Chemical Abstract Service, 6/26/96
- ICRMS Inventories Database, Ariel Research Corporation, 6/26/96
- LOLI Database, Chem Advisor via Micromedex Inc., 6/26/96
- Material Safety Data Sheet, Velsicol Chemical Corporation, 12/95
- REGISTRY Database, Chemical Abstract Service, 6/26/96
- Product Information Bulletin, Velsicol Chemical Corporation

Other Special Considerattons No additional remark.

Validated by Amy M. Bredbenner on 3/5/98. Verified by Amy M. Bredbenner.

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Revision 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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