



# Material Safety Data Sheet

<b>NFPA</b> 	<b>HCS Risk Phrases</b> Not controlled under the HCS (United States).	<b>Protective Clothing</b> 
-----------------	--	--------------------------------

## Section I. Chemical Product and Company Identification

<b>Common Name/ Trade Name</b> <b>ADMEX 770 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> Dibasic acid glycol polyester	<b>Material Uses</b>  Industrial applications: Plasticizer in the manufacture of PVC resins.
<b>Chemical Name:</b> Not applicable.	
<b>Chemical Family:</b> Polyester	
<b>Chemical Formula</b> Not applicable..	

## Section II. Composition and Information on Ingredients

Name	CAS #	% by Weight	TLV/PEL	OSHA Hazardous Ingredients
1) Dibasic acid glycol polyester	Proprietary	99.8-100	Not available	Not available.
2) Toluene (Impurity)	108-88-3	0-0.1	<b>TWA:</b> 188 (mg/m <sup>3</sup> ) from ACGIH [1992]. <b>TWA:</b> 50 (ppm) from ACGIH [1992].	

## Section III. Hazards Identification

<b>Emergency Overview</b>	Colorless to light yellow. Liquid.      Slight 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 770. ADMEX 770 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, nausea and vomiting may occur.

## 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 material from clothing. 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>

MARKETED BY  
**HARWICK STANDARD  
 DISTRIBUTION CORPORATION**  
 60 S. Seiberling Street • Akron, Ohio 44305

**ADMEX 770 Plasticizer**

Page Number: 2

**Section V. Fire and Explosion Data**

Flammability of the Product	Combustible.
Auto-Ignition Temperature	Not available.
Flash Points	OPEN CUP: 520°C (968°F) (C.O.C.)
Flammable Limits	Not available.
Fire and Explosion Hazards	Not available. Slightly flammable to flammable in presence of open flames and sparks. Not considered to present risks of explosion.
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 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. 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.
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. Gloves. Lab coat or coveralls.
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	Liquid.
Color	Colorless to light yellow.
Odor	Slight odor.
Boiling Point	Not available.
Melting Point	Not available.
Critical Temperature	Not available.
Specific Gravity	1.11 (Water = 1)
Vapor Pressure	Not available.
Vapor Density	Not available.
Volatility	Not available.
Odor Threshold	Not available.
Evaporation rate	Not available.
Viscosity	4300 cP

Continued on Next Page

6/18/98

**ADMEX 770 Plasticizer**

Page Number: 3

Solubility	0.004 g/L @ 25C in water.
pH (1% soln/water)	Not available.
Molecular Weight	Not applicable.

**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	Reactive or incompatible with oxidizing agents.
Corrosivity	Not available.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Not available.

**Section XI. Toxicological Information**

Toxicity to Animals	Oral LD50: 14,000 mg/kg (Rat), Practically Non-toxic Skin irritation: Non-irritating to Rabbits (0.0/8.0)
---------------------	--

**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 applicable.
DOT Hazard Class	Not a DOT controlled material (United States).
UN Identification Number	Not applicable.

DOT (Pictograms)



Packing Group	Not applicable.
---------------	-----------------

**Section XV. Other Regulatory Information and Pictograms**

Federal and State Regulations	All components of this material are listed on TSCA Chemical Inventory.  This material contains a chemical known to the State of California to cause birth defects or other reproductive harm. Toluene.
-------------------------------	--

Other Classifications	<b>WHMIS (Canada)</b> Not controlled under WHMIS (Canada).
-----------------------	--

Continued on Next Page

6/18/98

**ADMEX 770 Plasticizer**

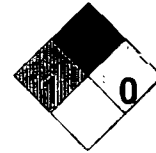
Page Number: 4

**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**

- Material Safety Data Sheet, Velsicol Chemical Corporation, December 1995
- REGISTRY Database, Chemical Abstract Service
- Velsicol Chemical Corporation, unpublished studies

**Other Special  
Considerations**

No additional remark.

**Validated by Amy M. Bredbenner on 6/18/98.****Verified by Amy M. Bredbenner.**

Supercedes 12/30/97

Printed 5/27/99.

**Revision**

Revised Sections 4,6 and 15.

**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.*