



# Material Safety Data Sheet

NFPA 	HCS Risk Phrases <b>Not controlled under the HCS (United States).</b>	Protective Clothing 
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**Section I: Chemical Product and Company Identification**

Common Name/ Trade Name <b>ADMEX 409</b>	In case of Emergency In the continental U.S.A. call CHEMTREC 1-800-424-9300 (24 hours)  Outside the continental U.S.A call CHEMTREC 1-703-527-3887 (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 Industrial applications: Polymeric plasticizer used in PVC and rubber formulations
Chemical Name Fatty acid capped glycol adipate	
Chemical Family Not available.	
Chemical Formula Varies	

**Section II: Composition and Information on Ingredients**

Name	CAS #	% by Weight	TLV/PEL	OSHA Hazardous Ingredients
Fatty acid capped glycol adipate	not assigned	99	Not assigned	No

**Section III: Hazard Identification**

Emergency Overview	Pale yellow color. Liquid.	Mild odor.
<b>HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES.</b>		
Potential Health Effects	Inhalation and skin contact are expected to be the primary routes of occupational exposure to ADMEX 409. There has been limited data generated regarding the health effects of ADMEX 409. However, this material is not expected to cause significant adverse human health effects when good industrial hygiene and safety practices are followed.	

**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 material from clothing. Wash clothing before reuse.
Inhalation	Remove to fresh air.
Ingestion	If swallowed, induce vomiting as directed by medical personnel. Get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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**HARWICK STANDARD  
DISTRIBUTION CORPORATION**

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Section V. Fire and Explosion Data	
Flammability of the Product	Combustible.
Auto-Ignition Temperature	Not available.
Flash Points	CLOSED CUP: >230°C (464°F).
Flammable Limits	Not available.
Fire and Explosion Hazards	Not considered to be flammable. 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 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. Ventilate the area involved. 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. 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	Pale yellow color.
Odor	Mild odor.
Boiling Point	Not available.
Melting Point	3°C (37.4°F)
Critical Temperature	Not available.
Specific Gravity	1.082 (Water = 1)
Vapor Pressure	<0.1 mm of Hg (@ 20°C)
Vapor Density	Not available.

Volatility	Not available.
Odor Threshold	Not available.
Evaporation rate	<1
Viscosity	3465 cP
Solubility	Insoluble in cold water.
pH (1% soln/water)	Not applicable.
Molecular Weight	1700-2200

**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 such as hydrogen peroxide, bromine and chromic acid.  ADMEX 409 may hydrolyze slowly in the presence of acids, alkalies, water or water vapor. Reacts with water to form glycols. This reaction may tend to degrade the product but poses no physical hazard.
Corrosivity	Not considered corrosive to standard materials of construction.
Hazardous Polymerization	Will not occur.
Hazardous Decomposition Products	Not available.

**Section XII: Toxicological Information**

Toxicity to Animals	LD50: Not available. LC50: Not available.
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**Section XIII: Ecological Information**

Ecotoxicology	Not available.
Chemical Fate	Not available.

**Section XIV: Disposal Consideration**

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

DOT Proper Shipping Name	Not Regulated.
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 Programs**

**Federal and State Regulations** Exempt from the TSCA Inventory notification under 40 CFR 723.250.


**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** Not available

**Other Special Considerations** No additional remark.

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

**Verified by** Amy M. Bredbenner.

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**Notice to Reader**

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