

MANUFACTURER: XENTEX[®] CHEMICAL INDUSTRIES INC.
PO BOX 220 STREETSVILLE
MISSISSAUGA ON L5M 2B8
CANADA

XENTEX[®] 679

TELEPHONE NUMBERS: 905-826-2999 (BUSINESS HOURS EST)
905-826-2999 (24 - HOURS EMERGENCY)

MSDS NUMBER: 0036

EFFECTIVE DATE: December 10, 2000

1. Product Identification

Product Name: XENTEX[®] 679

Chemical Description: Mixture

Chemical Formula: Not applicable to mixtures

Molecular Weight: Not applicable to mixtures

CAS No.: Not applicable to mixtures

Synonyms: NA

® IS A REGISTERED TRADE MARK OF XENTEX CHEMICAL INDUSTRIES INC.

2. Hazardous Ingredients

Ingredient	CAS Number	% Weight	Hazardous
NA	NA	NA	No

3. Hazards Identification

Emergency Overview

WARNING! HARMFUL IF SWALLOWED OR INHALED. MAY CAUSES IRRITATION TO EYES AND RESPIRATORY TRACT. MAY CAUSE IRRITATION TO SKIN.

XENTEX[®] Safety Ratings (Provided here for your convenience)

Health Rating: 1 - Slight

Flammability Rating: 0 - None

Reactivity Rating: 1 - Slight

Contact Rating: 1 - Slight

Protective Equipment: GOGGLES; APRON; PROPER GLOVES; VENTILATION SYSTEM.

Potential Health Effects

Inhalation:

Inhalation of mist may irritates the respiratory tract.

Ingestion:

May cause drowsiness, nausea, and vomiting.

Skin Contact:

May cause irritation with redness.

Eye Contact:

May cause eye irritation.

Chronic Exposure:

None Identified

Aggravation of Pre-existing Conditions:

Persons with pre-existing skin disorders may be more susceptible to the effects of this agent.

4. First Aid Measures

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Ingestion:

Induce vomiting immediately as directed by medical personnel. If conscious, give large amounts of water to drink. Never give anything by mouth to an unconscious person. Get medical attention.

Skin Contact:

Immediately wash skin with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. If irritation persists get medical attention.

5. Fire Fighting Measures

Fire: None Identified

Flash point: NA

Autoignition temperature: NA

Flammable limits in air % by volume: NA

Explosion: None Identified

Fire Extinguishing Media:

Water spray, dry chemical, foam, or carbon dioxide. Water spray may be used to keep fire exposed containers cool.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

6. Accidental Release Measures

Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Collect liquid in an appropriate container or absorb

with an inert material (e.g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not flush to sewer! Use water spray to flush spills away from exposures.

7. Handling and Storage

Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Separate from incompatibles. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product. Do not pressurize, cut, weld, braze, solder, drill, grinder expose containers to heat, spark, flame, static electricity or sources of ignition.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits: N/E

Ventilation System:

A system of local and/or general exhaust is recommended to keep employee exposures to a minimum. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition.

Personal Respirators (NIOSH Approved):

If airborne concentration is high, a NIOSH / MSHA approved mist/vapor respirator is recommended. If concentration exceeds capacity of respirator, a self-contained breathing apparatus is advised. For emergencies or instances where the exposure levels are not known, use a full-facepiece positive-pressure, air-supplied respirator.

WARNING: Air purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, apron, as appropriate to prevent skin contact. Neoprene and nitrile rubber are recommended materials. Store street clothing separately from work clothing and protective equipment.

Eye Protection:

Use chemical splash proof safety goggles. Maintain eye wash fountain and quick-drench facilities in work area.

9. Physical and Chemical Properties

Appearance:	Clear liquid.
Odour:	Characteristic
Solubility:	Soluble in water.
Specific Gravity:	≈ 0.99
pH:	7.0 - 7.3
% Volatile:	NA
Boiling Point:	NA
Melting Point:	NA
Vapor Density (Air=1):	NA
Vapor Pressure (mm Hg):	NA
Evaporation Rate (BuAc=1):	NA

10. Stability and Reactivity

Stability: Stable under ordinary conditions of use and storage. Heat and sunlight may contribute to instability.

Hazardous Decomposition Products: Carbon dioxide, carbon monoxide, oxides of nitrogen may be produced when heated to decomposition.

Hazardous Polymerization: Non Identified

Incompatibilities: Heat, strong oxidizers and reducers

Conditions to Avoid: Ignition sources and incompatibles.

11. Toxicological Information

Oral Rat LD 50 (mg / Kg) > 10000 (WHMIS)

-----\Cancer Lists \----- Ingredient	---NTP Carcinogen---		IARC Category
	Known	Anticipated	
----- Ingredients of product	No	No	None

12. Ecological Information

Environmental Fate:

When released into the soil, this material is expected to mostly evaporate. When released into the soil, this material may partly leach into groundwater. When released into the soil, this material may biodegrade to a moderate extent.

Environmental Toxicity:

No information is available

13. Disposal Considerations

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

14. Transport Information

Domestic (Land, TDG) :

Not Regulated

International (Water, I.M.O.) :

Not Regulated

Additional Transportation Information:

Not Regulated by Air, I.C.A.O.

15. Regulatory Information

WHMIS: Not Controlled

Canadian Environmental Protection Act: This product contains no **NPRI** reportable substance

-----\Chemical Inventory Status Canada & International \-----

Ingredient	---Canada---		Phil.	Korea	-U.S.A.-		Japan	Australia
	DSL	NDSL			TSCA	EC		
Ingredients of product	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes

-----\ U.S. Federal & State Regulations - Part 1 \-----

Ingredient	-SARA 302-		-----SARA 313-----		----- SARA 311 / 312-----				
	RQ	TPQ	List	Chemical Catg.	Acute	Chronic	Fire	Pressure	Reactivity
Ingredients of product	No	No	No	No	Yes	No	No	No	No

-----\ U.S. Federal & State Regulations - Part 2 \-----

Ingredient	CERCLA	-RCRA-	----TSCA----		CDTA	California Prop. 65	Michigan CMR
		261.33	8(d)	12(b)			
Ingredients of product	No	No	No	Yes	No	No	No

16. Other Information

NFPA Ratings:

Health: 1 Flammability: 0 Reactivity: 1

Label Hazard Warning:

WARNING! HARMFUL IF SWALLOWED OR INHALED. MAY CAUSES IRRITATION TO EYES AND RESPIRATORY TRACT. MAY CAUSE IRRITATION TO SKIN.

Label Precautions:

Keep away from heat, sparks and flame.
 Keep container closed.
 Use with adequate ventilation.
 Wash thoroughly after handling.
 Avoid breathing vapor or mist.
 Avoid contact with eyes, skin and clothing.

Label First Aid:

If swallowed, induce vomiting immediately as directed by medical personnel. If conscious, give large amounts of water to drink. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. In all cases, get medical attention.

Product Use:

Industrial Demulsifier.

Revision Information:

New 16 section MSDS format, all sections have been revised.

Abbreviations:

NA = Not Available, or, Not Applicable

NE = Not Established

Disclaimer:

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