

# Safety Data Sheet

## I. Product and Company Identification

**PRODUCT:** ISO-FLEX 609 PART A

**MANUFACTURER:** LymTal International, Inc.  
4150 S. Lapeer Rd. Orion, MI 48359  
www.lymtal.com  
For Non-Emergency Questions,  
Hours 8AM To 4PM Eastern Standard Time  
(248) 373-8100

**EMERGENCY CONTACT:** 24-Hour Chemtrec (800)424-9300  
Chemtrec, D.C. Area (800)483-7616

## II. Hazards Identification

Classification of the Substance or Mixture:



Chronic Aquatic Environmental Hazard, CAT 2



Skin Corrosion/Irritation, CAT 2; Eye Damage/Irritation, CAT 2A, Skin Sensitizer, CAT 1

Signal Word: **WARNING**

Hazard Statements:

H315	Causes Skin Irritation	Skin Corrosion/Irritation Cat 2
H317	May Cause An Allergic Skin Reaction	Skin Sensitizer, Cat 1
H319	Causes Serious Eye Irritation	Eye Damage/Irritation, Cat 2A
H411	Toxic To Aquatic Life With Long Lasting Effects	Long term Aquatic environmental Hazard, Cat 2

Precautionary Statements:

P101	If Medical Advice Is Needed, Have Product Container Or Label At Hand
P102	Keep Out Of Reach Of Children
P260	Do Not Breath Fume/Gas/Mist/Vapors/Spray
P261	Avoid Breathing Vapors
P264	Wash Thoroughly After Handling
P270	Do Not Eat/Drink/Smoke While Using This Product
P271	Use Only Outdoors Or In A Well Ventilated Area
P272	Contaminated Clothing Should Not Be Allowed Out Of the Workplace
P273	Avoid Release To The Environment
P280	Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection
P285	In Case Of Inadequate Ventilation Wear Respiratory Protection
P301 +P310	If Swallowed: Immediately Call A Poison Center/Doctor
P302 + P362+P353	If On Skin: take Off Contaminated Clothing, Rinse Skin With Water/Shower

P304+P340	If Inhaled: Remove Person To Fresh Air And Keep Comfortable For Breathing
P305+P351+P338	If In Eyes: Rinse Cautiously With Water For Several Minutes, Remove Contact Lenses If Present And Easy To Do. Continue Rinsing.
P308+P313	If Exposed Or Concerned: Get Medical Advice/Attention
P312	Call A Poison Center/Doctor If You Feel Unwell
P331	Do Not Induce Vomiting
P332+P313	If Skin Irritation Occurs, Get Medical Advice/Attention
P342+P311	If Experiencing Respiratory Symptoms, Call A Poison Center Or Doctor
P337+P313	If Eye Irritation Persists: Get Medical Advice/Attention
P362	Take Off Contaminated Clothing And Wash Before Reuse.
P391	Collect Spillage
P403+P235	Store In A Well Ventilated Place. Keep Cool.
P405	Store Locked Up
P501	Dispose Of Contents/Container In Accordance With Local/Regional/National/International/ Regulations

### III. Composition/Information on Ingredients

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

<u>Ingredients:</u>	<u>CAS #:</u>	<u>CONTENT</u>
2,2'-[(1-Methylethylidene)bis (4,1-phenyleneoxymethylene)] bisoxirane homopolymer	25085-99-8	50%-60%
Hexamethylene diacrylate	13048-33-4	40%-50%

#### California Proposition 65 ingredients

None

#### Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 (40CFR372)

None

### IV. First Aid Measures

<u>Inhalation</u>	Remove victim from exposure. If difficulty with breathing, administer oxygen and seek medical assistance
<u>Eyes</u>	Flush eyes with cold water for a minimum of 15 minutes, lifting lower and upper eye lids throughout. Seek immediate medical attention.
<u>Skin</u>	Immediately remove contaminated clothing. Gently blot or brush away excess product. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
<u>Ingestion</u>	Rinse mouth, do not induce vomiting, get immediate medical attention, if vomiting occurs spontaneously keep head below hips to prevent aspiration of liquids into lungs. Do not give anything by mouth to an unconscious person

### V. Fire Fighting Methods

HMIS Hazard Rating No. 1

**Flash Point: > 93°C (200°F)**

**Method:** Pensky Martin C.C.

**General Hazard:** None.

Auto-Ignition Temp.: Not Available

Limits of Flammability

Extinguishing Media

LEL: Not Available

UEL: Not Available

For small fires, use water (fog only), foam, CO<sub>2</sub>, or dry chemical. For large fires, use water fog, or alcohol foam. Do not use a water stream.

Special Fire & Unusual Hazards

Thermal decomposition can lead to release of irritating gases and vapors. Move containers from area if it can be done without risk. Cool fire-exposed containers with water from the side. As in any fire, wear NIOSH/MSHA approved, pressure demand self contained breathing apparatus and full protective gear.

## VI. Accidental Release Measures

Action To Take For Spills/ Leaks: Avoid contact with skin or eyes. Ventilate area, eliminate all sources of ignition. Wear appropriate protective gear, contain leak or spill, salvage, clean up residue with absorbent material.

Waste Disposal Method: Handle disposal of waste material in manner that complies with local, state, province and federal regulation. Landfill if solidified, or incineration at agency approved waste-disposal facilities.

## VII. Handling And Storage

Store Dry At 50-95°F. Condition Material To 65-85°F Before Using Store Away From Open Flames And High Temperatures

## VIII. Exposure Controls / Personal Protection

Ventilation: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build up of heavy vapors.

Personal Protection Equipment: Do NOT wear contact lenses when working with this material. Use chemical goggles/safety glasses with side shields and impervious gloves. Wear clothing with long sleeves and pants. In operations where mists can be generated or the exposure limits for crystalline silica exceeded, wear a NIOSH/MSHA approved dust/fume respirator selected by a technically qualified person for the specific work conditions. Wear respirator protection whenever airborne concentrations exceed TLV ceilings or TWA, use NIOSH approved respirators for listed hazard.

Confined spaces, room, or tanks are areas where concern for TLV's is especially important. Reference OSHA regulation CFR 29 1910.134 for recommended respiratory protection.

## IX. Physical And Chemical Properties

Boiling Point (°C):	N/D	Water/Oil Distribution	N/A
<b>Percent Volatile:</b>	<b>( 2 g / l )</b>	Coefficient:	
Freezing Point (°C):	N/A	Solubility in Water:	Negligible
Vapor Pressure @ 20° C	N/A	<b>Specific Gravity @20° C</b>	N/A
Vapor Density	N/A	pH:	7
Odor Threshold:	N/A	Evaporation Rate:	N/A
<b>Appearance:</b>	<b>Clear liquid</b>	<b>Odor:</b>	<b>Slight</b>
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

## X. Stability And Reactivity

HMIS Hazard Rating No. 0

Stability

Stable

<u>Incompatibility:</u>	Strong acids, oxidizing agents, and alkalis.
<u>Hazardous Decomposition Products</u>	None known
<u>Conditions To Avoid</u>	None known.

## **XI. Toxicity Information**

HMIS Hazard Rating No. 2

PRIMARY ROUTE OF ENTRY: Inhalation, dermal, eyes

Effects Of Overexposure

<u>Inhalation:</u>	Causes irritation on the respiratory tract.
<u>Eyes:</u>	Causes serious irritation to the eyes.
<u>Skin Contact:</u>	May cause an allergic skin reaction.
<u>Ingestion:</u>	Not expected to be a relevant route of entry. May be slightly toxic if ingested.
<u>Chronic:</u>	This product does not contain chemicals considered to be carcinogenic by NTP, IARC, OSHA.

## **XII. Ecological Information**

Marine Pollutant: NL  
(NL = Not Listed; P = Moderate; PP = Severe; ND = Not Determined)

## **XIII. Disposal Considerations**

Handle disposal of waste material in a manner that complies with all applicable local, state, provincial and federal regulations.

## **XIV. Transport Information**

### **DOT SHIPPING INFORMATION**

DOT Proper Shipping Name **NOT REGULATED**  
DOT Hazard Class

DOT I.D Number

Label(s)

ADR, IMDG, IATA

Proper Shipping Name

ENVIRONMENTALLY HAZARDOUS SUBSTANCE,  
LIQUID, N.O.S. (Epoxy resin)  
9 (Miscellaneous dangerous substances and articles)  
PG III

Hazard Class

I.D Number

UN3082 Label 9

Marine Pollutant:

Yes

### **XV. Regulatory Information**

OSHA Hazard Communication Standard  
(29 CFR 1910.1200)

N/A

CERCLA/ Super fund (40 CFR 117,302)

N/A

SARA Extremely Hazardous Substances  
(40 CFR 355)

N/A

SARA Hazard Categories (40 CFR 370)

Health : Immediate, delayed

Physical: Fire

SARA Toxic Chemicals (40 CFR 372)  
Inventory Status

None

The chemicals in this product are listed on the US  
TSCA Chemical Substance Inventory and the  
Canadian Domestic Substances List.

### **XVI. Other Information**

THE INFORMATION HEREIN HAS BEEN COMPLIED FROM SOURCES BELIEVED TO BE RELIABLE AND IS ACCURATE TO THE BEST OF OUR KNOWLEDGE. HOWEVER, LymTal INTERNATIONAL INC. CANNOT GIVE ANY GUARANTEES REGARDING INFORMATION FROM OTHER SOURCES, AND EXPRESSLY DOES NOT MAKE ANY WARRANTIES, NOR ASSUMES ANY LIABILITY, FOR ITS USE.

Date of Preparation/ Last Revision: 1/10/2019



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**EMERGENCY CONTACT:** **24-Hour Chemtrec (800)424-9300**  
**Chemtrec, D.C. Area (800)483-7616**

## II. Hazards Identification

Classification of the Substance or Mixture:



Skin Corrosion/Irritation, CAT 1B



Acute Toxicity, CAT 4, Dermal, Oral; Skin Sensitizer, CAT 1;

Signal Word: **DANGER**

Hazard Statements:

H302	Harmful If Swallowed	Acute Toxicity, Cat 4, Oral
H312	Harmful In Contact With Skin	Acute Toxicity, Cat 4, Dermal
H314	Causes Severe Skin Burns And Eye Damage	Skin Corrosion/Irritation, Cat 1B
H317	May Cause An Allergic Skin Reaction	Skin Sensitizer, Cat 1
H318	Causes Serious Eye Damage	Eye Damage/Irritation, Cat 1
H412	Harmful To Aquatic Life With Long Lasting Effects	Chronic Aquatic Environmental Hazard, Cat 3

Precautionary Statements:

P102	Keep Out Of Reach Of Children
P260	Do Not Breathe Dust/Fume/Gas/Mist/Vapors/Spray
P264	Wash Thoroughly After Handling
P270	Do Not Eat/Drink/Smoke While Using This Product
P271	Use Only Outdoors Or In A Well Ventilated Area
P272	Contaminated Clothing Should Not Be Allowed Out Of the Workplace
P273	Avoid Release To The Environment
P280	Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection
P284	Wear Respiratory Protection
P301+P330	If Swallowed: Rinse Mouth
P302 +P352	If On Skin: take Off Contaminated Clothing, Rinse Skin With Water/Shower

P303+P361+P353	If On Skin (Or Hair): Remove/Take Off Immediately All Contaminated Clothing. Rinse Skin With Water/Shower
P304+P340+P314	If Inhaled: Remove Person To Fresh Air And Keep Comfortable For Breathing, Get Medical Advice/Attention If You Feel Unwell.
P305+P351+P338	If In Eyes: Rinse Cautiously With Water For Several Minutes, Remove Contact Lenses If Present And Easy To Do. Continue Rinsing.
P308+P313	If Exposed Or Concerned: Get Medical Advice/Attention
P309+P311	If Exposed Or If You Feel Unwell: Call A Poison Center Or Doctor
P310	Immediately Call A Poison Center Or Doctor
P332+P313	If Skin Irritation Occurs, Get Medical Advice/Attention
P337+P313	If Eye Irritation Persists: Get Medical Advice/Attention
P363	Wash Contaminated Clothing Before Reuse
P403+P233	Store In A Well Ventilated Place. Keep Container Tightly Closed
P405	Store Locked Up
P501	Dispose Of Contents/Container In Accordance With Local/Regional/National/International/Regulations

### III. Composition/Information on Ingredients

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). Where a proprietary ingredient is shown, the identity may be made available as provided in this standard. All components of this product are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

<u>Ingredients:</u>	<u>CAS #:</u>	<u>CONTENT</u>
Triethylenetetramine	112-24-3	100%

#### California Proposition 65 ingredients

None

#### Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 (40CFR372)

None

### IV. First Aid Measures

<u>Inhalation</u>	Remove victim from exposure. If difficulty with breathing, administer oxygen and seek medical assistance
<u>Eyes</u>	Flush eyes with cold water for a minimum of 15 minutes, lifting lower and upper eye lids throughout. Seek immediate medical attention.
<u>Skin</u>	Immediately remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
<u>Ingestion</u>	Do not induce vomiting; get immediate medical attention, if vomiting occurs spontaneously keep head below hips to prevent aspiration of liquids into lungs. Do not give anything by mouth to an unconscious person

### V. Fire Fighting Methods

HMIS Hazard Rating No. 1	
<u>Flash Point:</u> > 149°C (300°F)	<u>Method:</u> Pensky Martin C.C.
<u>General Hazard:</u> None.	
<u>Auto-Ignition Temp.:</u> Not Available	
<u>Limits of Flammability</u>	LEL: Not Available UEL: Not Available
<u>Extinguishing Media</u>	For small fires, use water spray, foam, CO2, or dry chemical. For large fires, use water spray, fog, or alcohol foam.



Special Fire & Unusual Hazards Move containers from area if it can be done without risk. Cool fire-exposed containers with water from the side. As in any fire, wear NIOSH/MSHA approved, pressure demand self contained breathing apparatus and full protective gear.

## VI. Accidental Release Measures

Action To Take For Spills/ Leaks: Avoid contact with skin or eyes. Ventilate the area, and eliminate all sources of ignition. Wear appropriate protective gear, contain leak or spill, salvage, and clean up residue with absorbent material.

Waste Disposal Method: Handle disposal of waste material in a manner that complies with local, state, province and federal regulation. Landfill if solidified or incineration at agency approved waste-disposal facilities.

## VII. Handling And Storage

Store Dry At 50-95°F. Condition Material To 65-85°F Before Using. Store away from open flames and high temperatures

## VIII. Exposure Controls / Personal Protection

Ventilation: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build up of heavy vapors.

Personal Protection Equipment: Do NOT wear contact lenses when working with this material. Use chemical goggles/safety glasses with side shields and impervious gloves. Wear clothing with long sleeves and pants. In operations where mists can be generated or the exposure limits for crystalline silica exceeded, wear a NIOSH/MSHA approved dust/fume respirator selected by a technically qualified person for the specific work conditions. Wear respirator protection whenever airborne concentrations exceed TLV ceilings or TWA, use NIOSH approved respirators for listed hazard.

Confined spaces, room, or tanks are areas where concern for TLV's is especially important. Reference OSHA regulation CFR 29 1910.134 for recommended respiratory protection.

## IX. Physical And Chemical Properties

Boiling Point (°C):	N/D	Water/Oil Distribution Coefficient:	N/A
<b>Percent Volatile:</b>	<b>2 G / L</b>	Solubility in Water:	Negligible
Freezing Point (°C):	N/A	<b>Specific Gravity @20° C</b>	<b>0.98</b>
Vapor Pressure @ 20° C	N/A	pH:	N/A
Vapor Density	>air	Evaporation Rate:	N/A
Odor Threshold:	N/A	<b>Odor:</b>	<b>Ammonical</b>
<b>Appearance:</b>	<b>Amber liquid</b>		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

## X. Stability And Reactivity

HMIS Hazard Rating No. 0

Stability

Stable

Incompatibility:

Strong acids, oxidizing agents bases, amines and mercaptans.

Hazardous Decomposition Products

Oxides of Carbon; aldehydes and acids. Decomposition and Combustion products may be toxic.

Conditions To Avoid

Strong acids in bulk.

## XI. Toxicity Information

HMIS Hazard Rating No. 3

PRIMARY ROUTE OF ENTRY: Inhalation, dermal, eyes

Effects Of Overexposure

Inhalation: Vapors may be corrosive to the upper respiratory tract.  
Eyes: May cause severe damage including blindness.  
Skin Contact: May be irritating to the skin. In some individuals it may cause sensitization.  
Ingestion: Not expected to be a relevant route of entry. May cause permanent damage to the mouth throat and stomach.  
Chronic: This product does not contain chemicals considered to be carcinogenic by NTP, IARC, OSHA.

## XII. Ecological Information

Marine Pollutant: NL

(NL = Not Listed; P = Moderate; PP = Severe; ND = Not Determined)

## XIII. Disposal Considerations

Handle disposal of waste material in a manner that complies with all applicable local, state, provincial and federal regulations.

## XIV. Transport Information

### DOT SHIPPING INFORMATION

**DOT Proper Shipping Name** Triethylenetetramine

**DOT Hazard Class** Class 8 (Corrosive Liquid), PG III

**DOT I.D Number** UN2259

**DOT PLACARD**

Corrosive

## XV. Regulatory Information

OSHA Hazard Communication Standard  
(29 CFR 1910.1200)

N/A

CERCLA/ Super fund (40 CFR 117,302)

N/A

SARA Extremely Hazardous Substances  
(40 CFR 355)

N/A

SARA Hazard Categories (40 CFR 370)

Health : Immediate, delayed

Physical: Fire

SARA Toxic Chemicals (40 CFR 372)

None

Inventory Status

The chemicals in this product are listed on the US  
TSCA Chemical Substance Inventory and the  
Canadian Domestic Substances List.

## XVI. Other Information

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## II. Hazards Identification

Classification of the Substance or Mixture:



Skin Corrosion/Irritation, CAT 1B



Acute Toxicity, CAT 4, Dermal, Oral; Skin Sensitizer, CAT 1;

Signal Word: **DANGER**

Hazard Statements:

H302	Harmful If Swallowed	Acute Toxicity, Cat 4, Oral
H312	Harmful In Contact With Skin	Acute Toxicity, Cat 4, Dermal
H314	Causes Severe Skin Burns And Eye Damage	Skin Corrosion/Irritation, Cat 1B
H317	May Cause An Allergic Skin Reaction	Skin Sensitizer, Cat 1
H318	Causes Serious Eye Damage	Eye Damage/Irritation, Cat 1
H412	Harmful To Aquatic Life With Long Lasting Effects	Chronic Aquatic Environmental Hazard, Cat 3

Precautionary Statements:

P102	Keep Out Of Reach Of Children
P260	Do Not Breathe Dust/Fume/Gas/Mist/Vapors/Spray
P264	Wash Thoroughly After Handling
P270	Do Not Eat/Drink/Smoke While Using This Product
P271	Use Only Outdoors Or In A Well Ventilated Area
P272	Contaminated Clothing Should Not Be Allowed Out Of the Workplace
P273	Avoid Release To The Environment
P280	Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection
P284	Wear Respiratory Protection
P301+P330	If Swallowed: Rinse Mouth
P302 +P352	If On Skin: take Off Contaminated Clothing, Rinse Skin With Water/Shower

P303+P361+P353	If On Skin (Or Hair): Remove/Take Off Immediately All Contaminated Clothing. Rinse Skin With Water/Shower
P304+P340+P314	If Inhaled: Remove Person To Fresh Air And Keep Comfortable For Breathing, Get Medical Advice/Attention If You Feel Unwell.
P305+P351+P338	If In Eyes: Rinse Cautiously With Water For Several Minutes, Remove Contact Lenses If Present And Easy To Do. Continue Rinsing.
P308+P313	If Exposed Or Concerned: Get Medical Advice/Attention
P309+P311	If Exposed Or If You Feel Unwell: Call A Poison Center Or Doctor
P310	Immediately Call A Poison Center Or Doctor
P332+P313	If Skin Irritation Occurs, Get Medical Advice/Attention
P337+P313	If Eye Irritation Persists: Get Medical Advice/Attention
P363	Wash Contaminated Clothing Before Reuse
P403+P233	Store In A Well Ventilated Place. Keep Container Tightly Closed
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<u>Ingredients:</u>	<u>CAS #:</u>	<u>CONTENT</u>
Triethylenetetramine	112-24-3	100%

#### California Proposition 65 ingredients

None

#### Section 313 Supplier Notification

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 (40CFR372)

None

### IV. First Aid Measures

<u>Inhalation</u>	Remove victim from exposure. If difficulty with breathing, administer oxygen and seek medical assistance
<u>Eyes</u>	Flush eyes with cold water for a minimum of 15 minutes, lifting lower and upper eye lids throughout. Seek immediate medical attention.
<u>Skin</u>	Immediately remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before reuse.
<u>Ingestion</u>	Do not induce vomiting; get immediate medical attention, if vomiting occurs spontaneously keep head below hips to prevent aspiration of liquids into lungs. Do not give anything by mouth to an unconscious person

### V. Fire Fighting Methods

HMIS Hazard Rating No. 1	
<u>Flash Point:</u> > 149°C (300°F)	<u>Method:</u> Pensky Martin C.C.
<u>General Hazard:</u> None.	
<u>Auto-Ignition Temp.:</u> Not Available	
<u>Limits of Flammability</u>	LEL: Not Available UEL: Not Available
<u>Extinguishing Media</u>	For small fires, use water spray, foam, CO2, or dry chemical. For large fires, use water spray, fog, or alcohol foam.

### Special Fire & Unusual Hazards

Move containers from area if it can be done without risk. Cool fire-exposed containers with water from the side. As in any fire, wear NIOSH/MSHA approved, pressure demand self contained breathing apparatus and full protective gear.

## **VI. Accidental Release Measures**

Action To Take For Spills/ Leaks: Avoid contact with skin or eyes. Ventilate the area, and eliminate all sources of ignition. Wear appropriate protective gear, contain leak or spill, salvage, and clean up residue with absorbent material.

Waste Disposal Method: Handle disposal of waste material in a manner that complies with local, state, province and federal regulation. Landfill if solidified or incineration at agency approved waste-disposal facilities.

## **VII. Handling And Storage**

Store Dry At 50-95°F. Condition Material To 65-85°F Before Using. Store away from open flames and high temperatures

## **VIII. Exposure Controls / Personal Protection**

Ventilation: Ventilation is recommended. Air movement must be designed to insure turnover at all locations in work area to avoid build up of heavy vapors.

Personal Protection Equipment: Do NOT wear contact lenses when working with this material. Use chemical goggles/safety glasses with side shields and impervious gloves. Wear clothing with long sleeves and pants. In operations where mists can be generated or the exposure limits for crystalline silica exceeded, wear a NIOSH/MSHA approved dust/fume respirator selected by a technically qualified person for the specific work conditions. Wear respirator protection whenever airborne concentrations exceed TLV ceilings or TWA, use NIOSH approved respirators for listed hazard.

Confined spaces, room, or tanks are areas where concern for TLV's is especially important. Reference OSHA regulation CFR 29 1910.134 for recommended respiratory protection.

## **IX. Physical And Chemical Properties**

Boiling Point (°C):	N/D	Water/Oil Distribution Coefficient:	N/A
<b>Percent Volatile:</b>	<b>2 G / L</b>	Solubility in Water:	Negligible
Freezing Point (°C):	N/A	<b>Specific Gravity @20° C</b>	<b>0.98</b>
Vapor Pressure @ 20° C	N/A	pH:	N/A
Vapor Density	>air	Evaporation Rate:	N/A
Odor Threshold:	N/A	<b>Odor:</b>	<b>Ammonical</b>
<b>Appearance:</b>	<b>Amber liquid</b>		
N/A = Not Available	N/D=NOT Determined	Ca. = Approximate	

## **X. Stability And Reactivity**

HMIS Hazard Rating No. 0

Stability

Stable

Incompatibility:

Strong acids, oxidizing agents bases, amines and mercaptans.

Hazardous Decomposition Products

Oxides of Carbon; aldehydes and acids. Decomposition and Combustion products may be toxic.

Conditions To Avoid

Strong acids in bulk.

## XI. Toxicity Information

HMIS Hazard Rating No. 3

PRIMARY ROUTE OF ENTRY: Inhalation, dermal, eyes

Effects Of Overexposure

Inhalation: Vapors may be corrosive to the upper respiratory tract.  
Eyes: May cause severe damage including blindness.  
Skin Contact: May be irritating to the skin. In some individuals it may cause sensitization.  
Ingestion: Not expected to be a relevant route of entry. May cause permanent damage to the mouth throat and stomach.  
Chronic: This product does not contain chemicals considered to be carcinogenic by NTP, IARC, OSHA.

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**DOT I.D Number** UN2259

**DOT PLACARD**

Corrosive

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(29 CFR 1910.1200)

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SARA Extremely Hazardous Substances  
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Health : Immediate, delayed

Physical: Fire

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