

# Safety Data Sheet

## I. Product and Company Identification

**PRODUCT:** ISOFLEX 618-40 VOC  
**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:



Eye Damage/Irritation, CAT 2A; STOT Single Exposure, CAT 3B, Narcotic Effect



Flammable Liquid, CAT 2

Signal Word: **DANGER**

Hazard Statements:

H225	Highly Flammable Liquid And Vapor	Flammable Liquid, Cat 2
H318	Causes Serious Eye Damage	Eye Damage/Irritation, Cat 2A
H336	May Cause Drowsiness Or Dizziness	Stot Single Exposure, Cat 3B, Narcotic Effects

Precautionary Statements:

P102	Keep Out Of Reach Of Children
P103	Read Label Before Use
P202	Do Not Handle Until All Safety Precautions Have Been Read And Understood
P210	Keep Away From Heat, Hot Surfaces, Sparks, Open Flames And Other Ignition Sources No Smoking
P240	Ground/Bond Container And Receiving Equipment
P241	Use Explosion Proof Electrical/Ventilation/Lighting/Equipment
P242	Use Only Non Sparking Tools
P243	Take Precautionary Measures Against Static Discharge
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  
P273 Avoid Release To The Environment  
P280 Wear Protective Gloves/Protective Clothing/Eye Protection/Face Protection  
P302 + P362+P353 If On Skin: take Off 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.  
P331 Do Not Induce Vomiting  
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  
P370+P378 In Case Of Fire: Use Carbon Dioxide, Foam, Dry Chemical, Water Fog To Extinguish  
P403+P235+P233 Store In A Well Ventilated Place. Keep Cool. 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>
Isopropanol	67-63-0	65%

#### 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)

Isopropanol	67-63-0	65%
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### 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. 3

**Flash Point:** 12 °C ( 53 °F )

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

**General Hazard:** Decomposition and combustion products may be toxic.

**Auto-Ignition Temp.:** 399 °C ( 750 °F ) (IPA)

**Limits of Flammability**

LEL: 2% ( IPA )

UEL: 12% ( IPA )

**Extinguishing Media**

For small fires, use water spray, foam, CO<sub>2</sub>, 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 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 which 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

## 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 vapors or 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):	82 ( IPA )	Water/Oil Distribution Coefficient:	N/A
<b>Percent Volatile:</b>	<b>65% (595 g / L VOC )</b>	Solubility in Water:	Slight
Freezing Point (°C):	-89	<b>Specific Gravity @20° C</b>	<b>0.82</b>
Vapor Pressure @ 20° C	38 ( IPA )	pH:	N/A
Vapor Density	>air	Evaporation Rate:	N/A
Odor Threshold:	N/A	<b>Odor:</b>	<b>Alcohol</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 oxidizing agents peroxide, reducing agents, and heat.

Hazardous Decomposition Products

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

Conditions To Avoid

See incompatibility.

## XI. Toxicity Information

HMIS Hazard Rating No. 2

PRIMARY ROUTE OF ENTRY: Inhalation, dermal

Effects Of Overexposure

Inhalation:

Vapors may irritate respiratory tract.

Eyes:

Contact can cause severe irritation.

Skin Contact:

In some individuals it may cause sensitization.

Ingestion:

May cause permanent damage to the mouth throat and stomach.

Chronic:

This product does not contain chemicals considered to be carcinogenic by NTP, IRAC, ACGIH, 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 **Flammable Liquid N.O.S. (Isopropyl alcohol)**

DOT Hazard Class **3 PG II**

DOT I.D Number **UN 1993** Label(s) **Flammable**

## XV. Regulatory Information

OSHA Hazard Communication Standard (29 CFR 1910.1200)	Hazardous
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 Physical: Fire
SARA Toxic Chemicals (40 CFR 372) Inventory Status	See supplier notification in section II 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.

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