



# Cargille Refractive Index Liquid Series M $n_D = 1.701 - 1.735$

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

Revision Date: 04/01/2024 Date of Issue: 04/28/2016 Supersedes Date: 04/28/2016 Version: 1.0

### SECTION 1: IDENTIFICATION

#### 1.1. Product Identifier

**Product Form:** Mixture

**Product Name:** Cargille Refractive Index Liquid Series M  $n_D = 1.701 - 1.735$

**Product Code:** Cat No 18151, 18152, 1815X, 1815Y, 19151, 19152

#### 1.2. Intended Use of the Product

For professional and R&D use only. Conditions of Intended Use: (ABBR. C.I.U.) As an Optical Refractive Index Liquid at normal room pressure 101.32 kPa (760 mm Hg), temperature 18°C to 40°C (65°F to 104°F) in a non misted/non airborne state in a room having a normal air changes (2)/ HR., in a trained and supervised laboratory/ industrial setting using standard Good Laboratory/ Good Manufacturing procedures.

Note: Product normally sold in 1/4 oz (7.4cc), 1 oz (30cc), 4 oz (120cc), and 16 oz (480cc) quantities. Used in single drop to a few cubic centimeters per application. See requisitioner for specific quantities involved.

#### 1.3. Name, Address, and Telephone of the Responsible Party

Cargille Laboratories  
55 Commerce Road  
Cedar Grove, NJ 07009-1289  
T 973-239-6633

Website: [www.cargille.com](http://www.cargille.com)

email: [Technical@Cargille.com](mailto:Technical@Cargille.com)

#### 1.4. Emergency Telephone Number

**Emergency Number** : VelocityEHS  
(800)255-3924 (North America)  
+1 (813)248-0585 (International)

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the Substance or Mixture

##### GHS-US/CA Classification

Acute toxicity (oral) Category 4	H302
Skin corrosion/irritation Category 2	H315
Serious eye damage/eye irritation Category 1	H318
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335
Hazardous to the aquatic environment – Acute Hazard Category 1	H400
Hazardous to the aquatic environment – Chronic Hazard Category 2	H411

#### 2.2. Label Elements

##### GHS-US/CA Labeling

##### Hazard Pictograms (GHS-US/CA)



##### Signal Word (GHS-US/CA)

: Danger

##### Hazard Statements (GHS-US/CA)

: H302 - Harmful if swallowed.  
H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
H335 - May cause respiratory irritation.  
H400 - Very toxic to aquatic life.  
H411 - Toxic to aquatic life with long lasting effects.

##### Precautionary Statements (GHS-US/CA)

: P261 - Avoid breathing vapors, mist, or spray.  
P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.  
P270 - Do not eat, drink or smoke when using this product.

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P271 - Use only outdoors or in a well-ventilated area.  
 P273 - Avoid release to the environment.  
 P280 - Wear protective gloves, protective clothing, and eye protection.  
 P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.  
 P302+P352 - IF ON SKIN: Wash with plenty of water.  
 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.  
 P310 - Immediately call a POISON CENTER or doctor.  
 P321 - Specific treatment (see section 4 on this SDS).  
 P330 - Rinse mouth.  
 P332+P313 - If skin irritation occurs: Get medical advice/attention.  
 P362+P364 - Take off contaminated clothing and wash it before reuse.  
 P391 - Collect spillage.  
 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, territorial, provincial, and international regulations.

### 2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

### 2.4. Unknown Acute Toxicity (GHS-US/CA)

No additional information available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1. Substance

Not applicable

### 3.2. Mixture

Name	Synonyms	Product Identifier	% *	GHS Ingredient Classification
Hydrogenated terphenyls	Terphenyl, hydrogenated / Terphenyls, hydrogenated / Hydrogenated terphenyl / Therm-S 900 / hexahydroterphenyl	(CAS-No.) 61788-32-7	30 – 60	Aquatic Acute 1, H400 Aquatic Chronic 4, H413
Methylene iodide	Diiodomethane / Methane, diiodo- / methylene iodide	(CAS-No.) 75-11-6	30 – 60	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 STOT SE 3, H335
Polyphenyls, quater- and higher, partially hydrogenated	Quaterphenyls and higher polyphenyls, partially hydrogenated / Quaterphenyls, partially hydrogenated / Partially hydrogenated polyphenyls, quaterphenyls and higher / Partially hydrogenated quater- and higher polyphenyls	(CAS-No.) 68956-74-1	5 – 10	Not classified.
Terphenyls	Terphenyl / Terphenyls (mixed isomers) / Terphenyls, all isomers / Terphenyls (o, m, p isomers) / Diphenylbenzene / Terphenyl, all isomers / Terphenyls (o-, m-, p-isomers) / terphenyl	(CAS-No.) 26140-60-3	1 – 5	Aquatic Acute 1, H400 Aquatic Chronic 1, H410

\* The actual concentration of ingredient(s) is withheld as a trade secret in accordance with the Hazardous Products Regulations (HPR) 30 CFR 1910.1200. Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%). Full text of H-statements: see section 16.

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### SECTION 4: FIRST AID MEASURES

#### 4.1. Description of First-aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

#### 4.2. Most Important Symptoms and Effects Both Acute and Delayed

**General:** May cause respiratory irritation. Causes skin irritation. Harmful if swallowed. Causes serious eye damage.

**Inhalation:** Irritation of the respiratory tract and the other mucous membranes.

**Skin Contact:** Redness, pain, swelling, itching, burning, dryness, and dermatitis.

**Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Ingestion:** This material is harmful orally and can cause adverse health effects or death in significant amounts.

**Chronic Symptoms:** None known.

#### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

### SECTION 5: FIRE-FIGHTING MEASURES

#### 5.1. Extinguishing Media

**Suitable Extinguishing Media:** Water spray, fog, carbon dioxide (CO<sub>2</sub>), alcohol-resistant foam, or dry chemical.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

#### 5.2. Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

#### 5.3. Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Halogenated Compounds. Irritating or toxic vapors.

**Other Information:** Do not allow run-off from fire fighting to enter drains or water courses.

#### 5.4. Reference to Other Sections

Refer to Section 9 for flammability properties.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

##### 6.1.1. For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

##### 6.1.2. For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

#### 6.2. Environmental Precautions

Prevent entry to sewers and public waters. Avoid release to the environment. Collect spillage.

#### 6.3. Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

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**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### 6.4. Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

**Precautions for Safe Handling:** Do not get in eyes, on skin, or on clothing. Avoid breathing vapors, mist, spray. Handle empty containers with care because they may still present a hazard. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### 7.2. Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizers.

### 7.3. Specific End Use(s)

For professional and R&D use only. Conditions of Intended Use: (ABBR. C.I.U.) As an Optical Refractive Index Liquid at normal room pressure 101.32 kPa (760 mm Hg), temperature 18°C to 40°C (65°F to 104°F) in a non misted/non airborne state in a room having a normal air changes (2)/ HR., in a trained and supervised laboratory/ industrial setting using standard Good Laboratory/ Good Manufacturing procedures.

Note: Product normally sold in 1/4 oz (7.4cc), 1 oz (30cc), 4 oz (120cc), and 16 oz (480cc) quantities. Used in single drop to a few cubic centimeters per application. See requisitioner for specific quantities involved.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), or Canadian provincial governments.

Hydrogenated terphenyls (61788-32-7)		
USA ACGIH	ACGIH OEL TWA [ppm]	0.5 ppm (nonirradiated)
USA NIOSH	NIOSH REL (TWA)	5 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL TWA [ppm]	0.5 ppm
Alberta	OEL TWA	4.9 mg/m <sup>3</sup>
Alberta	OEL TWA	0.5 ppm
British Columbia	OEL TWA	0.5 ppm (nonirradiated)
Manitoba	OEL TWA	0.5 ppm (non-irradiated)
New Brunswick	OEL TWA	0.5 ppm (non-irradiated)
Newfoundland & Labrador	OEL TWA	0.5 ppm (non-irradiated)
Nova Scotia	OEL TWA	0.5 ppm (non-irradiated)
Nunavut	OEL STEL	1.5 ppm (non-irradiated)
Nunavut	OEL TWA	0.5 ppm (non-irradiated)
Northwest Territories	OEL STEL	1.5 ppm (non-irradiated)
Northwest Territories	OEL TWA	0.5 ppm (non-irradiated)
Ontario	OEL TWA	0.5 ppm (as sum of components assayed by chromatographic procedure with reference to the bulk sample)
Prince Edward Island	OEL TWA	0.5 ppm (non-irradiated)
Québec	VEMP (OEL TWAEV)	4.9 mg/m <sup>3</sup>
Québec	VEMP (OEL TWAEV)	0.5 ppm
Saskatchewan	OEL STEL	1.5 ppm (non-irradiated)
Saskatchewan	OEL TWA	0.5 ppm (non-irradiated)
Yukon	OEL STEL	5 mg/m <sup>3</sup>

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Yukon	OEL STEL	0.5 ppm
Yukon	OEL TWA	5 mg/m <sup>3</sup>
Yukon	OEL TWA	0.5 ppm
<b>Terphenyls (26140-60-3)</b>		
USA ACGIH	ACGIH OEL Ceiling	5 mg/m <sup>3</sup>
USA OSHA	OSHA PEL (Ceiling)	9 mg/m <sup>3</sup>
USA OSHA	OSHA PEL C [ppm]	1 ppm
USA IDLH	IDLH	500 mg/m <sup>3</sup>
Alberta	OEL C	5 mg/m <sup>3</sup>
British Columbia	OEL C	5 mg/m <sup>3</sup>
Manitoba	OEL C	5 mg/m <sup>3</sup>
New Brunswick	OEL C	5 mg/m <sup>3</sup>
Newfoundland & Labrador	OEL C	5 mg/m <sup>3</sup>
Nova Scotia	OEL C	5 mg/m <sup>3</sup>
Nunavut	OEL C	5 mg/m <sup>3</sup>
Northwest Territories	OEL C	5 mg/m <sup>3</sup>
Ontario	OEL C	5 mg/m <sup>3</sup>
Prince Edward Island	OEL C	5 mg/m <sup>3</sup>
Québec	Plafond (OEL C)	5 mg/m <sup>3</sup>
Québec	Plafond (OEL C)	0.53 ppm
Saskatchewan	OEL C	5 mg/m <sup>3</sup>
Yukon	OEL C	9 mg/m <sup>3</sup>
Yukon	OEL C	1 ppm

## 8.2. Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics.

**Hand Protection:** Wear protective gloves.

**Eye and Face Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

**Other Information:** When using, do not eat, drink or smoke.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	: Liquid
Appearance	: Light Yellow
Odor	: Characteristic Odor
Odor Threshold	: No data available
pH	: No data available
Evaporation Rate	: water=1: ca 1
Melting Point	: 4 °C (39.2 °F)
Freezing Point	: No data available
Boiling Point	: ≥ 181 °C (357.8 °F)
Flash Point	: > 110 °C (230 °F) (Open Cup)

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Auto-ignition Temperature	: No data available
Decomposition Temperature	: No data available
Flammability (solid, gas)	: Not applicable
Lower Flammable Limit	: No data available
Upper Flammable Limit	: No data available
Vapor Pressure	: $\leq 200$ Pa ( $\leq 1.5$ mm Hg)
Relative Vapor Density at 20°C	: $>1.0$ (air = 1)
Relative Density	: 3.06 (water = 1)
Specific Gravity	: No data available
Solubility	: Water: Practically insoluble
Partition Coefficient: N-Octanol/Water	: No data available
Viscosity	: 4cSt @ 25 °C (77 °F)

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity:

Hazardous reactions will not occur under normal conditions.

### 10.2. Chemical Stability:

Stable under recommended handling and storage conditions (see section 7).

### 10.3. Possibility of Hazardous Reactions:

Hazardous polymerization will not occur.

### 10.4. Conditions to Avoid:

Direct sunlight, extremely high or low temperatures, and incompatible materials.

### 10.5. Incompatible Materials:

Strong acids, strong bases, strong oxidizers.

### 10.6. Hazardous Decomposition Products:

Thermal decomposition may produce: Carbon oxides (CO, CO<sub>2</sub>). Halogenated compounds. Irritating or toxic vapors.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects - Product

**Acute Toxicity (Oral):** Harmful if swallowed.

**Acute Toxicity (Dermal):** Not classified.

**Acute Toxicity (Inhalation):** Not classified.

**LD50 and LC50 Data:**

Cargille Refractive Index Liquid Series M $n_D = 1.701 - 1.735$	
ATE US/CA (oral)	1,000.00 mg/kg body weight

**Skin Corrosion/Irritation:** Causes skin irritation.

**Eye Damage/Irritation:** Causes serious eye damage.

**Respiratory or Skin Sensitization:** Not classified.

**Germ Cell Mutagenicity:** Not classified.

**Carcinogenicity:** Not classified.

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified.

**Reproductive Toxicity:** Not classified.

**Specific Target Organ Toxicity (Single Exposure):** May cause respiratory irritation.

**Aspiration Hazard:** Not classified.

**Symptoms/Injuries After Inhalation:** Irritation of the respiratory tract and the other mucous membranes.

**Symptoms/Injuries After Skin Contact:** Redness, pain, swelling, itching, burning, dryness, and dermatitis.

**Symptoms/Injuries After Eye Contact:** Causes permanent damage to the cornea, iris, or conjunctiva.

**Symptoms/Injuries After Ingestion:** This material is harmful orally and can cause adverse health effects or death in significant amounts.

**Chronic Symptoms:** None known.

### 11.2. Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:**

Hydrogenated terphenyls (61788-32-7)	
LD50 Oral Rat	$> 10000$ mg/kg (Source: EPA_HP V)
LD50 Dermal Rabbit	$> 2000$ mg/kg (Source: ECHA_API)

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LC50 Inhalation Rat	> 4.7 mg/l/4h
<b>Terphenyls (26140-60-3)</b>	
LD50 Oral Rat	> 5000 mg/kg (Source: EPA_HP V)
LD50 Dermal Rabbit	> 5000 mg/kg (Source: ECHA_API)
LC50 Inhalation Rat	> 3.8 mg/l/4h
<b>Methylene iodide (75-11-6)</b>	
ATE US/CA (oral)	500.00 mg/kg body weight

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Toxicity

**Ecology - General:** Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects. Very toxic to aquatic life. Toxic to aquatic life with long lasting effects.

<b>Hydrogenated terphenyls (61788-32-7)</b>	
LC50 Fish 1	> 0.53 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static] Source: IUCLID)
EC50 - Crustacea [1]	> 1.34 mg/l
LC50 Fish 2	> 0.53 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static] Source: IUCLID)
<b>Terphenyls (26140-60-3)</b>	
LC50 Fish 1	> 0.11 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])
EC50 - Crustacea [1]	0.04 mg/l (Exposure time: 48 h - Species: Daphnia magna)
LC50 Fish 2	> 0.11 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
EC50 - Crustacea [2]	0.02 mg/l (Exposure time: 48 h - Species: Daphnia magna) Data Specific to m-Terphenyl.
NOEC Chronic Fish	0.04 mg/l (Duration: 34 d - Species: Pimephales promelas)

### 12.2. Persistence and Degradability

<b>Cargille Refractive Index Liquid Series M n<sub>D</sub> = 1.701 - 1.735</b>	
Persistence and Degradability	May cause long-term adverse effects in the environment.

### 12.3. Bioaccumulative Potential

<b>Cargille Refractive Index Liquid Series M n<sub>D</sub> = 1.701 - 1.735</b>	
Bioaccumulative Potential	Not established.

### 12.4. Mobility in Soil

No additional information available

### 12.5. Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

**Sewage Disposal Recommendations:** Do not dispose of waste into sewer. Do not empty into drains.

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

**Ecology - Waste Materials:** Avoid release to the environment. This material is hazardous to the aquatic environment. Keep out of sewers and waterways.

## SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

### 14.1. In Accordance with DOT

Only applicable to package sizes greater than 450 L / 119 US gallons. See DOT: 171.4(c)(2)

Proper Shipping Name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.(CONTAINS TERPHENYLS)
Hazard Class	: 9
Identification Number	: UN3082
Label Codes	: 9
Packing Group	: III
Marine Pollutant	: Marine pollutant
ERG Number	: 171



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### 14.2. In Accordance with IMDG

Only applicable to package sizes greater than 5 L / 1.3 US gallons. See IMDG: 2.10.2.7

**Proper Shipping Name** : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.(CONTAINS TERPHENYLS)  
**Hazard Class** : 9  
**Identification Number** : UN3082  
**Label Codes** : 9  
**Packing Group** : III  
**EmS-No. (Fire)** : F-A  
**EmS-No. (Spillage)** : S-F  
**Marine pollutant** : Marine pollutant  
**MFAG Number** : 171



### 14.3. In Accordance with IATA

Only applicable to package sizes greater than 5 L / 1.3 US gallons. See IATA: special provision A197

**Proper Shipping Name** : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.(CONTAINS TERPHENYLS)  
**Hazard Class** : 9  
**Identification Number** : UN3082  
**Label Codes** : 9  
**Packing Group** : III  
**ERG Code (IATA)** : 9L



### 14.4. In Accordance with TDG

Only applicable to package sizes greater than 5 L / 1.3 US gallons. See ADR: SP 375

**Proper Shipping Name** : ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S.(CONTAINS TERPHENYLS)  
**Hazard Class** : 9  
**Identification Number** : UN3082  
**Label Codes** : 9  
**Packing Group** : III  
**Marine Pollutant (TDG)** : Marine pollutant



## SECTION 15: REGULATORY INFORMATION

### 15.1. US Federal Regulations

#### Cargille Refractive Index Liquid Series M n<sub>D</sub> = 1.701 - 1.735

<b>SARA Section 311/312 Hazard Classes</b>	Health hazard - Specific target organ toxicity (single or repeated exposure)
	Health hazard - Skin corrosion or Irritation
	Health hazard - Acute toxicity (any route of exposure)
	Health hazard - Serious eye damage or eye irritation

#### Hydrogenated terphenyls (61788-32-7)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

#### Polyphenyls, quater- and higher, partially hydrogenated (68956-74-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

#### Terphenyls (26140-60-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

#### Methylene iodide (75-11-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory - Status: Active

### 15.2. US State Regulations

#### Hydrogenated terphenyls (61788-32-7)

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

U.S. - Massachusetts - Right To Know List

#### Terphenyls (26140-60-3)

U.S. - New Jersey - Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List



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U.S. - Massachusetts - Right To Know List

### 15.3. Canadian Regulations

#### Hydrogenated terphenyls (61788-32-7)

Listed on the Canadian DSL (Domestic Substances List)

#### Polyphenyls, quater- and higher, partially hydrogenated (68956-74-1)

Listed on the Canadian DSL (Domestic Substances List)

#### Terphenyls (26140-60-3)

Listed on the Canadian DSL (Domestic Substances List)

#### Methylene iodide (75-11-6)

Listed on the Canadian DSL (Domestic Substances List)

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

**Date of Preparation or Latest Revision** : 04/01/2024

### Revision

**Other Information** : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

### GHS Full Text Phrases:

H302	Harmful if swallowed
H315	Causes skin irritation
H318	Causes serious eye damage
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life

### Glossary of Data Source Abbreviations

ATSDR: Agency for Toxic Substances and Disease Registry (U.S. Department of Health and Human Services)

AU\_WES: Australia WES

CHEMVIEW: ChemView (U.S. Environmental Protection Agency)

EC\_RAR: European Commission Renewal Assessment Report

EC\_SCOEL: European Commission Scientific Committee on Occupational Exposure Limits

ECETOC: European Centre for Ecotoxicology and Toxicology of Chemicals Reports

ECHA\_API: European Chemicals Agency API

ECHA\_RAC: ECHA Committee for Risk Assessment

EFSA: European Food Safety Authority

EPA: U.S. Environmental Protection Agency

EPA\_AEGL: Acute Exposure Guideline Levels (U.S. Environmental Protection Agency)

EPA\_FIFRA: Federal Insecticide, Fungicide, and Rodenticide Act Reregistration Eligibility Decision (U.S. Environmental Protection Agency)

EPA\_HPVC: High Production Volume Chemicals (U.S. Environmental Protection Agency)

EPA\_TRED: Risk Assessment for Tolerance Reassessment Eligibility Decision (U.S. Environmental Protection Agency)

EU\_CLH: European Union Harmonised Classification and Labelling Proposal

EU\_RAR: European Union Risk Assessment Report

FOOD\_JOURN: Food Research Journal (1956)

IARC: The International Agency for Research on Cancer

IDLH: National Institute for Occupational Health and Safety Immediately Dangerous to Life or Health Value Profiles

IUCLID: International Uniform Chemical Information Database

JAPAN\_GHS: Japan GHS Basis for Classification Data

JP\_J-CHECK: Japan J-Check

KR\_NIER: South Korea National Institute of Environmental Research Evaluations  
NICNAS: Australia National Industrial Chemicals Notification and Assessment Scheme

NIOSH: National Institute for Occupational Health and Safety (U.S. Department of Health and Human Services)

NLM\_CIP: National Library of Medicine ChemID plus database

NLM\_HSDB: National Library of Medicine Hazardous Substance Data Bank

NLM\_PUBMED: National Library of Medicine PubMed database

NTP: National Toxicology Program

NZ\_CCID: New Zealand Chemical Classification and Information Database

OECD\_EHSP: Environment, Health, and Safety Publication (Organisation for Economic Co-operation and Development)

OECD\_SIDS: Screening Information Data Sets (Organisation for Economic Co-operation and Development)

WHO: World Health Organization

# Cargille Refractive Index Liquid Series M $n_D = 1.701 - 1.735$

## Safety Data Sheet

According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations And According To The Hazardous Products Regulation (February 11, 2015).

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*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product. The information supplied is based on data available to us and is believed to be correct. However, no guarantee or warranty of any kind expressed or implied, is made with respect to this information presented and Cargille Laboratories assumes no responsibility for the result of the use of this product. This information is furnished upon the condition that the persons responsible for its use shall make their own determination of the suitability of the material for their particular purpose. Please note that we consider the English version to be the authoritative version for compliance and regulatory purposes.*

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