

SECTION 1: Identification

1.1. Product identifier

Product name : Ameripolish SR2 Plus

1.2. Recommended use and restrictions on use

Recommended uses and restrictions : Concrete sealer. For professional use only.

1.3. Supplier

Ameripolish Inc.
120 Commercial Ave
Lowell, AR 72745
T 479-725-0033

1.4. Emergency telephone number

Emergency number : Chemtel 800-255-3924

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CAN/US)

Flammable liquids Category 3 H226
Serious eye damage/eye irritation Category 2 H319

2.2. GHS Label elements, including precautionary statements

GHS CAN/US labeling

Hazard pictograms : 

Signal word : Warning

Hazard statements : H226 - Flammable liquid and vapor
H319 - Causes serious eye irritation

Precautionary statements : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take action to prevent static discharges.
P264 - Wash hands, forearms and face thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P370+P378 - In case of fire: Use media other than water to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool

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P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity

No data available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Trade Secret	Trade Secret	57.1- 59.9
Trade Secret	Trade Secret	24.23 – 28.35
Trade Secret	Trade Secret	4.2 - 6.3
Trade Secret	Trade Secret	2.7 – 3
Trade Secret	Trade Secret	0.03 – 0.15
Trade Secret	Trade Secret	0.003 – 0.03

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-aid measures after skin contact	: Immediately drench affected area with water for at least 15 minutes. Immediately remove contaminated clothing. Obtain medical attention if irritation develops or persists.
First-aid measures after eye contact	: Immediately rinse with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Seek medical attention.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation	: Prolonged exposure may cause irritation.
Symptoms/effects after skin contact	: Prolonged exposure may cause skin irritation.
Symptoms/effects after eye contact	: Contact causes severe irritation with redness and swelling of the conjunctiva.
Symptoms/effects after ingestion	: May be harmful if swallowed.

4.3. Immediate medical attention and special treatment, if necessary

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

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SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Dry chemical powder, alcohol-resistant foam, carbon dioxide (CO₂). Water may be ineffective but water should be used to keep fire-exposed container cool.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Do not use a heavy water stream. A heavy water stream may spread burning liquid.

5.3. Specific hazards arising from the hazardous product

Fire hazard : Flammable liquid and vapor. Vapors are heavier than air and may travel considerable distance to an ignition source and flash back to source of vapors.

Explosion hazard : May form flammable or explosive vapor-air mixture.

5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Firefighters should wear full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray). Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Use special care to avoid static electric charges.

6.2. 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. As an immediate precautionary measure, isolate spill or leak area in all directions.

Methods for cleaning up : Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill. Absorb and/or contain spill with inert material. Do not take up in combustible material such as: saw dust or cellulosic material. Use only non-sparking tools.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid contact with skin, eyes and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapors, mist, spray. Take precautionary measures against static discharge. Use only non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store in a well-ventilated place. Keep container tightly closed. Keep in fireproof place.

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Methyl alcohol (67-56-1)	
Canada (Alberta) - Occupational Exposure Limits	
OEL TWA	262 mg/m ³
OEL TWA [ppm]	200 ppm
OEL STEL	328 mg/m ³
OEL STEL [ppm]	250 ppm
Canada (Quebec) - Occupational Exposure Limits	
VECD (OEL STEL)	328 mg/m ³
VECD (OEL STEL) [ppm]	250 ppm
VEMP (OEL TWA)	262 mg/m ³
VEMP (OEL TWA) [ppm]	200 ppm
Canada (British Columbia) - Occupational Exposure Limits	
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	250 ppm
Canada (Manitoba) - Occupational Exposure Limits	
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	250 ppm
Canada (New Brunswick) - Occupational Exposure Limits	
OEL TWA	262 mg/m ³
OEL TWA [ppm]	200 ppm
OEL STEL	328 mg/m ³
OEL STEL [ppm]	250 ppm
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	250 ppm
Canada (Nova Scotia) - Occupational Exposure Limits	
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	250 ppm
Canada (Nunavut) - Occupational Exposure Limits	
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	250 ppm
Canada (Northwest Territories) - Occupational Exposure Limits	
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	250 ppm

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Methyl alcohol (67-56-1)	
Canada (Ontario) - Occupational Exposure Limits	
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	250 ppm
Canada (Prince Edward Island) - Occupational Exposure Limits	
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	250 ppm
Canada (Saskatchewan) - Occupational Exposure Limits	
OEL TWA [ppm]	200 ppm
OEL STEL [ppm]	250 ppm
Canada (Yukon) - Occupational Exposure Limits	
OEL TWA	260 mg/m ³
OEL TWA [ppm]	200 ppm
OEL STEL	310 mg/m ³
OEL STEL [ppm]	250 ppm
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	200 ppm
ACGIH OEL STEL [ppm]	250 ppm
ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route
USA - ACGIH - Biological Exposure Indices	
BEI (BLV)	15 mg/l Parameter: Methanol - Medium: urine - Sampling time: end of shift (background, nonspecific)
USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA) [1]	260 mg/m ³
OSHA PEL (TWA) [2]	200 ppm

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Use impervious gloves such as neoprene, nitrile, or rubber for hand protection.

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Wear suitable working clothes

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Respiratory protection:

If airborne concentrations are above the applicable exposure limits, use NIOSH approved respiratory protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear
Odor	: Moderate
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: 22 °C (71.6 F)
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative vapor density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Explosion limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

Reactivity	: Reacts violently with strong oxidizers. Increased risk of fire or explosion.
Chemical stability	: Flammable liquid and vapor. May form flammable or explosive vapor-air mixture.
Possibility of hazardous reactions	: Will not occur.
Conditions to avoid	: Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.
Incompatible materials	: Strong acids, strong bases, strong oxidizers.
Hazardous decomposition products	: Thermal decomposition may produce: Carbon oxides (CO, CO ₂). Silicon oxides. Formaldehyde. Nitrogen oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

Methyl alcohol (67-56-1)

LD50 oral rat	6200 mg/kg
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Methyl alcohol (67-56-1)	
LD50 dermal rabbit	15840 mg/kg
LC50 Inhalation - Rat [ppm]	22500 ppm (Exposure time: 8 h)
Decamethylcyclotetrasiloxane (541-02-6)	
LD50 oral rat	> 24134 mg/kg
Octamethylcyclotetrasiloxane (556-67-2)	
LD50 oral rat	1540 mg/kg
LD50 dermal rabbit	794 µl/kg
LC50 Inhalation - Rat	36 g/m ³ (Exposure time: 4 h)
Dimethyl carbonate (616-38-6)	
LD50 oral rat	13 g/kg
LD50 dermal rabbit	> 5 g/kg
LC50 Inhalation - Rat	140 mg/l/4h
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified

Methyl alcohol (67-56-1)	
STOT-single exposure	May cause damage to organs. May cause drowsiness or dizziness.
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Not classified

Methyl alcohol (67-56-1)	
LC50 - Fish [1]	28200 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
LC50 - Fish [2]	> 100 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
BCF - Fish [1]	< 10
Partition coefficient n-octanol/water (Log Pow)	-0.77
Octamethylcyclotetrasiloxane (556-67-2)	
LC50 - Fish [1]	> 500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio)
LC50 - Fish [2]	> 1000 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)
BCF - Fish [1]	12400

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Octamethylcyclotetrasiloxane (556-67-2)

Partition coefficient n-octanol/water (Log Pow)	5.1
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12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Methyl alcohol (67-56-1)

BCF - Fish [1]	< 10
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Partition coefficient n-octanol/water (Log Pow)	-0.77
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Octamethylcyclotetrasiloxane (556-67-2)

BCF - Fish [1]	12400
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Partition coefficient n-octanol/water (Log Pow)	5.1
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12.4. Mobility in soil

Methyl alcohol (67-56-1)

Partition coefficient n-octanol/water (Log Pow)	-0.77
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Octamethylcyclotetrasiloxane (556-67-2)

Partition coefficient n-octanol/water (Log Pow)	5.1
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12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

14.1. UN number

UN-No. (TDG) : UN1993

DOT NA No : UN1993

UN-No. (IMDG) : 1993

UN-No. (IATA) : 1993

14.2. UN proper shipping name

Proper Shipping Name (TDG) : FLAMMABLE LIQUID, N.O.S. (Dimethyl Carbonate)

Proper Shipping Name (DOT) : Flammable liquids, n.o.s. (Dimethyl Carbonate)

Proper Shipping Name (IMDG) : FLAMMABLE LIQUID, N.O.S. (Dimethyl Carbonate)

Proper Shipping Name (IATA) : Flammable liquid, n.o.s. (Dimethyl Carbonate)

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14.3. Transport hazard class(es)

TDG

Transport hazard class(es) (TDG) : 3

Hazard labels (TDG) : 3

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DOT

Transport hazard class(es) (DOT) : 3

Hazard labels (DOT) : 3

:



IMDG

Transport hazard class(es) (IMDG) : 3

Hazard labels (IMDG) : 3

:



IATA

Transport hazard class(es) (IATA) : 3

Hazard labels (IATA) : 3

:



14.4. Packing group

Packing group (TDG) : II

Packing group (DOT) : II

Packing group (IMDG) : II

Packing group (IATA) : II

14.5. Environmental hazards

Marine pollutant : No

Other information : No supplementary information available.

14.6. Special precautions for user

TDG

UN-No. (TDG) : UN1993

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TDG Special Provisions : 16 - (1) The technical name of at least one of the most dangerous substances that predominantly contributes to the hazard or hazards posed by the dangerous goods must be shown, in parentheses, on the shipping document following the shipping name in accordance with clause 3.5(1)(c)(ii)(A) of Part 3 (Documentation). The technical name must also be shown, in parentheses, on a small means of containment or on a tag following the shipping name in accordance with subsections 4.11(2) and (3) of Part 4 (Dangerous Goods Safety Marks).
(2) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a shipping document or on a small means of containment when Canadian law for domestic transport or an international convention for international transport prohibits the disclosure of the technical name:
(a) UN1544, ALKALOID SALTS, SOLID, N.O.S. or ALKALOIDS, SOLID, N.O.S;
(b) UN1851, MEDICINE, LIQUID, TOXIC, N.O.S;
(c) UN3140, ALKALOID SALTS, LIQUID, N.O.S. or ALKALOIDS, LIQUID, N.O.S;
(d) UN3248, MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S; or
(e) UN3249, MEDICINE, SOLID, TOXIC, N.O.S.
(3) Despite subsection (1), the technical name for the following dangerous goods is not required to be shown on a small means of containment:
(a) UN2814, INFECTIOUS SUBSTANCE, AFFECTING HUMANS; or
(b) UN2900, INFECTIOUS SUBSTANCE, AFFECTING ANIMALS, 150 - An approved ERAP is required for the dangerous goods referred to in paragraph 7.2(1)(f) of Part 7 (Emergency Response Assistance Plan).

Explosive Limit and Limited Quantity Index : 1 L
Excepted quantities (TDG) : E2
Passenger Carrying Road Vehicle or Passenger Carrying Railway Vehicle Index : 5 L
Emergency Response Guide (ERG) Number : 128

DOT
UN-No.(DOT) : UN1993
DOT Special Provisions (49 CFR 172.102) : IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized.
T7 - 4 178.274(d)(2) Normal..... 178.275(d)(3)
TP1 - The maximum degree of filling must not exceed the degree of filling determined by the following: Degree of filling = $97 / 1 + a (tr - tf)$ Where: tr is the maximum mean bulk temperature during transport, and tf is the temperature in degrees celsius of the liquid during filling.
TP8 - A portable tank having a minimum test pressure of 1.5 bar (150 kPa) may be used when the flash point of the hazardous material transported is greater than 0 C (32 F).
TP28 - A portable tank having a minimum test pressure of 2.65 bar (265 kPa) may be used provided the calculated test pressure is 2.65 bar or less based on the MAWP of the hazardous material, as defined in 178.275 of this subchapter, where the test pressure is 1.5 times the MAWP.
DOT Packaging Exceptions (49 CFR 173.xxx) : 150
DOT Packaging Non Bulk (49 CFR 173.xxx) : 202
DOT Packaging Bulk (49 CFR 173.xxx) : 242
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 5 L
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 60 L
DOT Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers, or one passenger per each 3 m of overall vessel length; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

IMDG
Special provision (IMDG) : 274
Limited quantities (IMDG) : 1 L

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Excepted quantities (IMDG)	: E2
Packing instructions (IMDG)	: P001
IBC packing instructions (IMDG)	: IBC02
Tank instructions (IMDG)	: T7
Tank special provisions (IMDG)	: TP1, TP28, TP8
EmS-No. (Fire)	: F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	: S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER
Stowage category (IMDG)	: B

IATA

PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y341
PCA limited quantity max net quantity (IATA)	: 1L
PCA packing instructions (IATA)	: 353
PCA max net quantity (IATA)	: 5L
CAO packing instructions (IATA)	: 364
CAO max net quantity (IATA)	: 60L
Special provision (IATA)	: A3
ERG code (IATA)	: 3H

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Canada National regulations

Methyl alcohol (67-56-1)

Listed on the Canadian DSL (Domestic Substances List)

Decamethylcyclopentasiloxane (541-02-6)

Listed on the Canadian DSL (Domestic Substances List)

Siloxanes and Silicones, dimethyl, hydroxy-terminated, reaction products with trimethoxymethylsilane and N-[3-(trimethoxysilyl)propyl]-1,2-ethanediamine (69430-37-1)

Listed on the Canadian DSL (Domestic Substances List)

Siloxanes and Silicones, dimethyl, [[[3-[(2-aminoethyl)amino]propyl]silyldiyl]tris(oxy)]tris-, methoxy-terminated (67923-07-3)

Listed on the Canadian DSL (Domestic Substances List)

Octamethylcyclotetrasiloxane (556-67-2)

Listed on the Canadian DSL (Domestic Substances List)

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Dimethyl carbonate (616-38-6)

Listed on the Canadian DSL (Domestic Substances List)

15.2. US Federal regulations

Methyl alcohol (67-56-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Decamethylcyclotrasiloxane (541-02-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Siloxanes and Silicones, dimethyl, hydroxy-terminated, reaction products with trimethoxymethylsilane and N-[3-(trimethoxysilyl)propyl]-1,2-ethanediamine (69430-37-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Siloxanes and Silicones, dimethyl, [[[3-[(2-aminoethyl)amino]propyl]silyldiyne]tris(oxy)]tris-, methoxy-terminated (67923-07-3)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Octamethylcyclotetrasiloxane (556-67-2)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Toxic Substance (CEPA – Schedule I)

Yes

Dimethyl carbonate (616-38-6)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.3. US State regulations

Methyl alcohol (67-56-1)

U.S. - California - Proposition 65 - Carcinogens List	U.S. - California - Proposition 65 - Developmental Toxicity	U.S. - California - Proposition 65 - Reproductive Toxicity - Female	U.S. - California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	Yes	No	No	-

Methyl alcohol (67-56-1)

U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

Dimethyl carbonate (616-38-6)

U.S. - Massachusetts - Right To Know List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

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.