

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Issue date: 03/12/2024 Supersedes: 12/11/2013 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture
Trade name : Opticlear
Product code : SF1012
Formula : mixture

1.2. Recommended use and restrictions on use

Recommended use : Use as laboratory reagent, Manufacture of substances

1.3. Supplier

Supplier

Polysciences 400 Valley Road Warrington, PA 18976 - United States T +1 215 343 6484 - F +1 215 343 0214 info@polysciences.com - www.polysciences.com

1.4. Emergency telephone number

Emergency number : 24-hour emergency phone number ChemTel 1-800-255-3924

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Acute toxicity (oral) Category 4

Acute toxicity (dermal) Category 4

Acute toxicity (inhalation) Category 4

Serious eye damage/eye irritation Category 2B

Harmful if swallowed

Harmful in contact with skin

Harmful if inhaled

Causes eye irritation

Skin sensitization, category 1B

Specific target organ toxicity (repeated exposure)

Category 2

May cause an allergic skin reaction

May cause damage to organs through prolonged or repeated exposure

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)





Signal word (GHS US) : Warning

Hazard statements (GHS US) : Harmful if swallowed, in contact with skin or if inhaled

May cause an allergic skin reaction

Causes eye irritation

May cause damage to organs through prolonged or repeated exposure

Precautionary statements (GHS US) : Do not breathe dust/fume/gas/mist/vapors/spray.

Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands, forearms and face thoroughly after handling.

Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.

Contaminated work clothing must not be allowed out of the workplace.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%	GHS US classification
Bisphenol A-epichlorohydrin polymer	(CAS-No.) 25068-38-6	21 – 30	Skin Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
1,4-Butanediol	(CAS-No.) 110-63-4	0 – 5	Acute Tox. 4 (Oral), H302 STOT SE 3, H336
3-Cyclohexene-1-carboxylic acid, 3-cyclohexen-1-ylmethyl ester	(CAS-No.) 2611-00-9	0 – 5	Not classified
3,4-Epoxycyclohexanecarboxylic	(CAS-No.) 2386-87-0	0 – 5	Skin Sens. 1, H317 Aquatic Chronic 3, H412
9H-Thioxanthen-9-one, 4-(1-methylethyl)-	(CAS-No.) 83846-86-0	0 – 5	Not classified
9H-Thioxanthen-9-one, 2-(1-methylethyl)-	(CAS-No.) 5495-84-1	0 – 5	Not classified
lodonium, [4-[(2-hydroxytetradecyl)oxy]phenyl]phenyl-, (OC-6-11)-hexafluoroantimonate(1-)	(CAS-No.) 139301-16-9	0 – 5	Not classified
Methyl alcohol	(CAS-No.) 67-56-1	0 – 5	Flam. Liq. 2, H225 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Inhalation:vapour), H331 STOT SE 1, H370
Glycidoxypropyltrimethoxysilane	(CAS-No.) 2530-83-8	0 – 5	Eye Dam. 1, H318 Muta. 2, H341
Phenyl glycidyl ether	(CAS-No.) 122-60-1	0 – 5	Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Skin Sens. 1, H317 Muta. 2, H341 Carc. 2, H351 STOT SE 3, H335 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
Monoepoxides of 3-Cyclohexenylmethyl-3-cyclohexene carboxylate		0 – 5	Not classified
Soluble Oligomer		0 – 5	Not classified

Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : Call a poison center/doctor/physician if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Call a poison

center/doctor/physician if you feel unwell.

First-aid measures after skin contact : Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs:

Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to

do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Call a poison center/doctor/physician if you feel unwell.

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

Symptoms/effects after skin contact : Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Mild eye irritation.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam. Carbon dioxide.

5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of : Toxic fumes may be released.

fire

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Special protective equipment and precautions for fire-fighters

Protection during firefighting

: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures

: Ventilate spillage area. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin, eyes and clothing.

For emergency responders

Protective equipment

: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2 **Environmental precautions**

Avoid release to the environment.

Methods and material for containment and cleaning up

Methods for cleaning up

: Take up liquid spill into absorbent material.

Other information

: Dispose of materials or solid residues at an authorized site.

Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

Precautions for safe handling

Precautions for safe handling

: Use only outdoors or in a well-ventilated area. Wear personal protective equipment. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.

Hygiene measures

Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Conditions for safe storage, including any incompatibilities

Storage conditions

: Store in a well-ventilated place. Keep away from light. Store in a tightly closed container. Store at -20 deg. C.

SECTION 8: Exposure controls/personal protection

8.1. **Control parameters**

Opticlear

No additional information available

1,4-Butanediol (110-63-4)

No additional information available

3-Cyclohexene-1-carboxylic acid, 3-cyclohexen-1-ylmethyl ester (2611-00-9)

No additional information available

Bisphenol A-epichlorohydrin polymer (25068-38-6)

No additional information available

3,4-Epoxycyclohexanecarboxylic (2386-87-0)

No additional information available

9H-Thioxanthen-9-one, 4-(1-methylethyl)- (83846-86-0)

No additional information available

9H-Thioxanthen-9-one, 2-(1-methylethyl)- (5495-84-1)

No additional information available

lodonium, [4-[(2-hydroxytetradecyl)oxy]phenyl]phenyl-, (OC-6-11)-hexafluoroantimonate(1-) (139301-16-9)

No additional information available

Methyl alcohol (67-56-1)

USA - ACGIH - Occupational Exposure Limits		
ACGIH TWA (ppm)	200 ppm	
ACGIH STEL (ppm)	250 ppm	

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ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route	
USA - ACGIH - Biological Exposure Indices	S	
Biological Exposure Indices (BEI)	15 mg/l Parameter: Methanol - Medium: urine - Sampling time: end of shift (background, nonspecific)	
USA - OSHA - Occupational Exposure Limits		
OSHA PEL (TWA) (mg/m³)	260 mg/m³	
OSHA PEL (TWA) (ppm)	200 ppm	
USA - IDLH - Occupational Exposure Limit	S	
US IDLH (ppm)	6000 ppm	
USA - NIOSH - Occupational Exposure Lim	nits	
NIOSH REL (TWA) (mg/m³)	260 mg/m³	
NIOSH REL TWA [ppm]	200 ppm	
NIOSH REL (STEL) (mg/m³)	325 mg/m³	
NIOSH REL STEL [ppm]	250 ppm	
US-NIOSH chemical category	Potential for dermal absorption	
Monoepoxides of 3-Cyclohexenylmethyl-3	-cyclohexene carboxylate	
No additional information available		
Phenyl glycidyl ether (122-60-1)		
USA - ACGIH - Occupational Exposure Lin	nits	
Local name	Phenyl glycidyl ether (PGE)	
ACGIH TWA (ppm)	0.1 ppm	
Remark (ACGIH)	TLV® Basis: Testicular dam. Notations: Skin; DSEN; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans)	
ACGIH chemical category	dermal sensitizer, Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Animal Carcinogen with Unknown Relevance to Humans	
Regulatory reference	ACGIH 2020	
USA - OSHA - Occupational Exposure Lim	its	
Local name	Phenyl glycidyl ether (PGE)	
OSHA PEL (TWA) (mg/m³)	60 mg/m³	
OSHA PEL (TWA) (ppm)	10 ppm	
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1	
USA - IDLH - Occupational Exposure Limit	s	
US IDLH (ppm)	100 ppm	
USA - NIOSH - Occupational Exposure Lim		
NIOSH REL (ceiling) (mg/m³)	6 mg/m³	
NIOSH REL C [ppm]	1 ppm	
Glycidoxypropyltrimethoxysilane (2530-83	-8)	
No additional information available		
Soluble Oligomer		
No additional information available		

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

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Respiratory protection:

[In case of inadequate ventilation] wear respiratory protection.

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid
Appearance : liquid.

Color : Mixture contains one or more component(s) which have the following colour(s):

Colorless colorless to yellow clear

Odor : There may be no odour warning properties, odour is subjective and inadequate to warn of

overexposure.

: No data available

Mixture contains one or more component(s) which have the following odour:

alcohol-like

Odor threshold : No data available pH : No data available

Melting point : no data

Freezing point : No data available

Boiling point : No data available

Flash point : > ≥ 200 °F

Relative evaporation rate (butyl acetate=1) : No data available

Flammability (colid gas) : Not applicable

Flammability (solid, gas) : Not applicable. Vapor pressure : No data available Relative vapor density at 20°C : No data available Relative density No data available Solubility : No data available : No data available Partition coefficient n-octanol/water (Log Pow) : No data available Auto-ignition temperature : No data available Decomposition temperature Viscosity, kinematic No data available Viscosity, dynamic : No data available **Explosion limits** : No data available Explosive properties No data available

9.2. Other information

Oxidizing properties

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

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10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1.	Information on toxicological effects	

Acute toxicity (oral) : Harmful if swallowed.

Acute toxicity (dermal) : Harmful in contact with skin.

Acute toxicity (inhalation) : Harmful if inhaled.

ATE US (oral)	500 mg/kg body weight
ATE US (dermal)	1100 mg/kg body weight
ATE US (gases)	4500 ppmV/4h
ATE US (vapors)	11 mg/l/4h
ATE US (dust, mist)	1.5 mg/l/4h

1,4-Butanediol	(110-63-4)
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LD50 oral rat	1525 mg/kg
LD50 dermal rat	> 5000 mg/kg
LC50 Inhalation - Rat	> 5.1 mg/l/4h

3-Cyclohexene-1-carboxylic acid, 3-cyclohexen-1-ylmethyl ester (2611-00-9)

LD50 oral rat	2386 mg/kg
LD50 dermal rabbit	13427 mg/kg

Bisphenol A-epichlorohydrin polymer (25068-38-6)

LD50 oral rat 11400 mg/kg

LD50 oral rat	5000 mg/kg
LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Mathul	alaahal	(67-56-1)
wellivi	aiconoi	(0/-00-1)

LD50 oral rat	6200 mg/kg
LC50 Inhalation - Rat [ppm]	22500 ppm (Exposure time: 8 h)

Phenyl glycidyl ether (122-60-1)

LD50 oral rat	2600 mg/kg
LD50 dermal rabbit	1500 mg/kg
LC50 Inhalation - Rat [ppm]	> 100 ppm (Exposure time: 8 h)

Glycidoxypropyltrimethoxysilane (2530-83-8)

LD50 oral rat	7.01 g/kg
LC50 Inhalation - Rat	> 5.3 mg/l/4h

Skin corrosion/irritation : Not classified

Serious eye damage/irritation : Causes eye irritation.

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified Carcinogenicity : Not classified

1,4-Butanediol (110-63-4)

NOAEL (chronic,oral,animal/male,2 years)	225 mg/kg body weight Animal: rat, Animal sex: male, Guideline: other:NTP Protocol, Remarks on results: other:Effect type: carcinogenicity (migrated information)
NOAEL (chronic,oral,animal/female,2 years)	450 mg/kg body weight Animal: rat, Animal sex: female, Guideline: other:NTP Protocol,

Phenyl glycidyl ether (122-60-1)	
IARC group	2B - Possibly carcinogenic to humans

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Phenyl glycidyl ether (122-60-1)			
In OSHA Hazard Communication Carcinogen list	Yes		
Reproductive toxicity	: Not classified		
STOT-single exposure : Not classified			
1,4-Butanediol (110-63-4)			
STOT-single exposure	May cause drowsiness or dizziness.		
Methyl alcohol (67-56-1)			
STOT-single exposure	Causes damage to organs.		
Phenyl glycidyl ether (122-60-1)			
STOT-single exposure	May cause respiratory irritation.		
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.		
Phenyl glycidyl ether (122-60-1)			
LOAEC (inhalation,rat,vapor,90 days)	≈ 0.031 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity:		
	90-Day Study)		
NOAEC (inhalation,rat,vapor,90 days)	≈ 0.008 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity:		
	90-Day Study)		
'	: Not classified		
Viscosity, kinematic	: No data available		
	: Irritation. May cause an allergic skin reaction.		
Symptoms/effects after eye contact	: Mild eye irritation.		
SECTION 12: Ecological information			
12.1. Toxicity			
Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.		
1,4-Butanediol (110-63-4)			
LC50 fish 1	> 30000 mg/l Test organisms (species): Pimephales promelas		
EC50 Daphnia 1	813 mg/l (Exposure time: 48 h - Species: Daphnia magna)		
NOEC (chronic)	> 85 mg/l Test organisms (species): Daphnia magna Duration: '21 d'		
3,4-Epoxycyclohexanecarboxylic (2386-87-0)			
LC50 fish 1	24 mg/l Test organisms (species): Oncorhynchus mykiss (previous name: Salmo gairdneri)		
EC50 Daphnia 1	40 mg/l Test organisms (species): Daphnia magna		
Mothyl clockel (67.56.4)			
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 prometas [ilow-tirough])		
	O. / A		
Phenyl glycidyl ether (122-60-1) LC50 fish 1	43 mg/l Test organisms (species): Carassius auratus		
2000 11011 1	To mgn 1000 organisms (species). Oarassius auratus		

Persistence and degradability

No additional information available

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12.3. Bioaccumulative potential

1,4-Butanediol (110-63-4)	
Partition coefficient n-octanol/water (Log Pow)	-0.88 (at 25 °C)

Methyl alcohol (67-56-1)	
BCF fish 1	< 10
Partition coefficient n-octanol/water (Log Pow)	-0.77

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Dispose of conter

: Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not applicable

Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

1,4-Butanediol (110-63-4)

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

3-Cyclohexene-1-carboxylic acid, 3-cyclohexen-1-ylmethyl ester (2611-00-9)

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

Bisphenol A-epichlorohydrin polymer (25068-38-6)

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

EPA TSCA Regulatory Flag

XU - XU - indicates a substance exempt from reporting under the Chemical Data Reporting Rule, (40 CFR 711).

3,4-Epoxycyclohexanecarboxylic (2386-87-0)

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

9H-Thioxanthen-9-one, 4-(1-methylethyl)- (83846-86-0)

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

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

lodonium, [4-[(2-hydroxytetradecyl)oxy]phenyl]phenyl-, (OC-6-11)-hexafluoroantimonate(1-) (139301-16-9)

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

EPA TSCA Regulatory Flag PMN - PMN - indicates a commenced PMN substance.

Methyl alcohol (67-56-1)

Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313

Listed on EPA Hazardous Air Pollutant (HAPS)

CERCLA RQ 5000 lb

Monoepoxides of 3-Cyclohexenylmethyl-3-cyclohexene carboxylate

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

Phenyl glycidyl ether (122-60-1)

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

EPA TSCA Regulatory Flag

TP - TP - indicates a substance that is the subject of a proposed TSCA section 4 test rule.

Glycidoxypropyltrimethoxysilane (2530-83-8)

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

EPA TSCA Regulatory Flag TP - TP - indicates a substance that is the subject of a proposed TSCA section 4 test rule.

Soluble Oligomer

Not listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

1,4-Butanediol (110-63-4)

Listed on the Canadian DSL (Domestic Substances List)

3-Cyclohexene-1-carboxylic acid, 3-cyclohexen-1-ylmethyl ester (2611-00-9)

Listed on the Canadian DSL (Domestic Substances List)

Bisphenol A-epichlorohydrin polymer (25068-38-6)

Listed on the Canadian DSL (Domestic Substances List)

3,4-Epoxycyclohexanecarboxylic (2386-87-0)

Listed on the Canadian DSL (Domestic Substances List)

9H-Thioxanthen-9-one, 4-(1-methylethyl)- (83846-86-0)

Listed on the Canadian DSL (Domestic Substances List)

9H-Thioxanthen-9-one, 2-(1-methylethyl)- (5495-84-1)

Listed on the Canadian DSL (Domestic Substances List)

lodonium, [4-[(2-hydroxytetradecyl)oxy]phenyl]phenyl-, (OC-6-11)-hexafluoroantimonate(1-) (139301-16-9)

Listed on the Canadian NDSL (Non-Domestic Substances List)

Methyl alcohol (67-56-1)

Listed on the Canadian DSL (Domestic Substances List)

Monoepoxides of 3-Cyclohexenylmethyl-3-cyclohexene carboxylate

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

Phenyl glycidyl ether (122-60-1)

Listed on the Canadian DSL (Domestic Substances List)

Glycidoxypropyltrimethoxysilane (2530-83-8)

Listed on the Canadian DSL (Domestic Substances List)

Soluble Oligomer

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

EU-Regulations

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1,4-Butanediol (110-63-4)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

3-Cyclohexene-1-carboxylic acid, 3-cyclohexen-1-ylmethyl ester (2611-00-9)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Bisphenol A-epichlorohydrin polymer (25068-38-6)

Listed on the EU NLP (No Longer Polymers) inventory

Methyl alcohol (67-56-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Phenyl glycidyl ether (122-60-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Glycidoxypropyltrimethoxysilane (2530-83-8)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

1,4-Butanediol (110-63-4)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on CICR (Turkish Inventory and Control of Chemicals)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

3-Cyclohexene-1-carboxylic acid, 3-cyclohexen-1-ylmethyl ester (2611-00-9)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

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Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Japanese Poisonous and Deleterious Substances Control Law

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on CICR (Turkish Inventory and Control of Chemicals)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

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Phenyl glycidyl ether (122-60-1)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

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Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Japanese Pollutant Release and Transfer Register Law (PRTR Law)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Listed on the TCSI (Taiwan Chemical Substance Inventory)

Glycidoxypropyltrimethoxysilane (2530-83-8)

Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)

Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory

Listed on the Japanese ISHL (Industrial Safety and Health Law)

Listed on KECL/KECI (Korean Existing Chemicals Inventory)

Listed on NZIoC (New Zealand Inventory of Chemicals)

Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)

Listed on CICR (Turkish Inventory and Control of Chemicals)

Listed on the TCSI (Taiwan Chemical Substance 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)	Maximum allowable dose level (MADL)
No	Yes	No	No		47000 μg/day inhalation
Phenyl glycidyl	Phenyl glycidyl ether (122-60-1)				
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)	Maximum allowable dose level (MADL)
Yes	No	No	No	5 μg/day	

Component	State or local regulations
Methyl alcohol(67-56-1)	U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List; U.S Pennsylvania - RTK (Right to Know) List
Phenyl glycidyl ether(122-60-1)	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

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Hazard Rating

Health : 2 Moderate Hazard - Temporary or minor injury may occur

Flammability : 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids,

solids and semi solids having a flash point above 200 F. (Class IIIB)

Physical : 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT

react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS US (GHS HazCom 2012)

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Safety Data Sheet

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