

## SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### 1.1. Product Name

**Product form:** Mixture  
**Product Name:** GP-7100-E  
**Product Code:** C-2002

### 1.2. Recommended Uses of the Product and Restrictions on Use

**Recommended Use:** Release Agent. Paintable Amine Functional Silicone Emulsion.  
**Restrictions On Use:** No restrictions on use are specified

### 1.3. Supplier Information

**Company**  
Genesee Polymers Corporation  
G-4133 S. Dort Hwy.  
Burton, MI 48529  
(810) 715-5018  
customerservice@gpcsilicones.com

### 1.4. Emergency Telephone Number

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

## SECTION 2: HAZARD IDENTIFICATION

### 2.1. Hazard Classification

#### GHS Classification (KR)

**Health Hazards** : Serious eye damage/eye irritation, Category 1  
: Skin sensitisation, Category 1

### 2.2. Label Elements

#### Hazard Pictograms (GHS-KR)



#### Signal Word (GHS-KR)

#### Hazard Statements (GHS-KR)

#### Precautionary Statements (GHS-KR)

: Danger  
: H317 - May cause an allergic skin reaction  
: H318 - Causes serious eye damage  
: P261 - Avoid breathing mist, vapours, spray.  
: P272 - Contaminated work clothing should not be allowed out of the workplace.  
: P280 - Wear protective gloves, protective clothing, eye protection, face protection.  
: P302+P352 - IF ON SKIN: Wash with plenty of 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.  
: P310 - Immediately call a POISON CENTER or doctor.  
: P321 - Specific treatment (see section 4 on this label).  
: P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.  
: P362+P364 - Take off contaminated clothing and wash it before reuse.  
: P501 - Dispose of contents/container according to waste related regulations.

### 2.2. Other Hazards

#### Other Hazards Which Do Not Result In Classification

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

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## Safety Data Sheet

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. Mixture/Substance

Distinction of Substance or Mixture : Mixture

Chemical Name	Common Name and Synonyms	Cas Number	Content %**
Water	AQUA / water	CAS-No.: 7732-18-5	42
Polyoxyethylene tridecyl ether	Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy- / Glycols, polyethylene, monotrdecyl ether / Ethoxylated tridecyl alcohol / Polyoxyethylene tridecyl alcohol / Tridecyl alcohol, ethoxylated / 1-Tridecanol, monoether with polyethylene glycol / Trideceth-2 / Ethoxylated tridecanol / TRIDECETH-2 / Trideceth-5 / Polyethylene glycol mono(tridecyl) ether / Trideceth-12 / TRIDECETH-20 / TRIDECETH-21 / TRIDECETH-5 / Trideceth-10 / PEG tridecyl ether / Trideceth-9 / TRIDECETH-10 / TRIDECETH-11 / TRIDECETH-12 / TRIDECETH-15 / TRIDECETH-18 / Poly(oxy-1,2-ethanediyl), a-tridecyl-?-hydroxy- / TRIDECETH-50 / TRIDECETH-8 / TRIDECETH-9 / Trideceth-40 / Trideceth	CAS-No.: 24938-91-8	7.46
1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol	2,2',2''-(Hexahydro-1,3,5-triazine-1,3,5-triyl)triethanol / Hexahydro-1,3,5-tris(2-hydroxyethyl)-1,3,5-triazine / s-Triazine-1,3,5(2H,4H,6H)-triethanol / 1,3,5-Tris(2-hydroxyethyl)hexahydro-1,3,5-triazine / 1,3,5-Tris(2-hydroxyethyl)hexahydro-s-triazine / 2-[3,5-Bis(2-hydroxyethyl)-1,3,5-triazinan-1-yl]ethanol / Hexahydro-1,3,5-tris(hydroxyethyl)triazine / N,N',N''-Tris(.beta.-hydroxyethyl)-hexahydro-1,3,5-triazine / Hexahydro-1,3,5-tris(2-hydroxyethyl)-s-triazine / Biocide ETA-3 / Triazinetriethanol / TRIS(N-HYDROXYETHYL) HEXAHYDROTRIAZINE / tris(n-hydroxyethyl) hexahydrotriazine / 1,3,5-Hexahydrotriethanol-1,3,5-triazine	CAS-No.: 4719-04-4	0.1139
Siloxanes and Silicones, 3-aminopropyl methyl, lauryl methyl, methyl 2-phenylpropyl		CAS-No.: 109037-71-0	50.1139

\*\*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%)

### SECTION 4: FIRST AID MEASURES

#### 4.1. Description Of First-Aid Measures

**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).

**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:** Wash immediately with plenty of soap and water. Remove contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

**First-Aid Measures After 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.

**First-Aid Measures After Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

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

**Symptoms/Injuries:** Causes serious eye damage. May cause an allergic skin reaction.

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact:** May cause an allergic skin reaction. Prolonged exposure may cause skin irritation.

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

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**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** Skin sensitization.

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

**Other Medical Advice Or Treatment:** 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. Suitable (And Unsuitable) 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. Specific Hazards Arising From the Chemical

**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. Special Protective Equipment and Precautions for Firefighters

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

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

**Hazardous Combustion Products:** Thermal decomposition generates: Carbon oxides, silicon oxides, nitrogen oxides and non-combusted hydrocarbons (smoke). Formaldehyde. 2-aminoethanol.

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

**Specific Fire Fighting:** Do not breathe fumes from fires or vapours from decomposition.

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

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal Precautions and Protective Equipment

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

#### 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 Responders

**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

**Environmental Precautions:** Prevent entry to sewers and public waters. Avoid release to the environment.

### 6.3. Methods for Containment and Cleaning Up

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

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container. Contact competent authorities after a large spill.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for Safe Handling

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

**Local And General Ventilation:** Ensure adequate air ventilation.

**Precautions For Safe Handling:** Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid breathing vapours, mist, spray. Do not get in eyes, on skin, or on clothing. Remove and wash contaminated clothing before reuse.

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

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

**Incompatible Substances Or Mixtures:** Refer to section 10

**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.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Exposure Limits/Biological Limits

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), China, and Korea

### 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. Face shield.



**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.

**Hand Protection** : Wear protective gloves.

**Eye And Face Protection** : Chemical safety goggles and face shield.

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

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

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

**Appearance** : White, opaque liquid

**Physical State** : Liquid

**Molecular Mass** : No data available

**Odour** : No data available.

**Odor Threshold** : No data available

**pH** : 9.5

**Melting Point** : No data available

**Initial Boiling Point and Boiling Range** : No data available

**Flash Point** : > 148 °C (298.4 °F)

**Autoignition Temperature** : No data available

**Vapour Pressure** : No data available

**Relative Vapour Density At 20 °C** : No data available

**Specific Gravity** : 1 g/ml

**Solubility** : In Water: Dispersible

**N-Octanol/Water Distribution Coefficient** : No data available

**Decomposition Temperature** : No data available

**Viscosity** : No data available

**Explosive Limits (g/m<sup>3</sup>)** : No data available

**Explosive Limits (vol %)** : No data available

**Density** : 1 g/ml

## 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.

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<b>10.5 Incompatible Materials</b>	: Strong acids, strong bases, strong oxidizers.
<b>10.6 Hazardous Decomposition Products</b>	: Thermal decomposition may produce: Smoke. Carbon oxides (CO, CO <sub>2</sub> ). Nitrogen oxides. Silicon oxides. Formaldehyde. 2-aminoethanol.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on Toxicological Effects

<b>Likely Routes Of Exposure</b>	: Skin and eyes contact. Inhalation.
<b>Acute Toxicity</b>	: Not classified. Based on available data, the classification criteria are not met.
<b>Eye Damage/Irritation</b>	: Causes serious eye damage.
<b>Skin Corrosion/Irritation</b>	: Not classified. Based on available data, the classification criteria are not met.
<b>Respiratory Sensitizer</b>	: Not classified. Based on available data, the classification criteria are not met.
<b>Skin Sensitization</b>	: May cause an allergic skin reaction.
<b>Germ Cell Mutagenicity</b>	: Not classified. Based on available data, the classification criteria are not met.
<b>Carcinogenicity</b>	: Not classified. Based on available data, the classification criteria are not met.
<b>Reproductive Toxicity</b>	: Not classified. Based on available data, the classification criteria are not met.
<b>Specific Target Organ Toxicity (Single Exposure)</b>	: Not classified. Based on available data, the classification criteria are not met.
<b>Specific Target Organ Toxicity (Repeated Exposure)</b>	: Not classified. Based on available data, the classification criteria are not met.
<b>Aspiration Hazard</b>	: Not classified. Based on available data, the classification criteria are not met.

<b>1,3,5-Triazine-1,3,5(2h,4h,6h)-Triethanol (4719-04-4)</b>	
LD50 Oral Rat	763 mg/kg
LD50 Dermal Rat	> 4000 mg/kg
LC50 Inhalation Rat	0.338 mg/l/4h
LC50 Inhalation Rat	0.371 mg/l/4h (Exposure time: 4h, Species: Wistar)
ATE (Vapours)	0.34 mg/l/4h
ATE (Dust/Mist)	0.34 mg/l/4h

<b>1,3,5-Triazine-1,3,5(2H,4H,6H)-triethanol (4719-04-4)</b>	
NOAEC (inhalation, rat, dust/mist/fume, 90 days)	0.03 mg/l/6h/day (30 mg/m <sup>3</sup> )

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1. Ecotoxicity

<b>Aquatic Acute Toxicity</b>	: Not classified. Based on available data, the classification criteria are not met.
<b>Aquatic Chronic Toxicity</b>	: Not classified. Based on available data, the classification criteria are not met.
<b>Other Information</b>	: Avoid release to the environment.

<b>1,3,5-Triazine-1,3,5(2h,4h,6h)-Triethanol (4719-04-4)</b>	
LC50 Fish 1	16.07 mg/l (Exposure time: 96 h - Species: Danio rerio [static])
EC50 - Crustacea [1]	26.1 mg/l

### 12.2. Persistence and Degradability

<b>Gp-7100-E</b>	
Persistence And Degradability	Moderately/partially biodegradable.

### 12.3. Bioaccumulative Potential

Not established.

### 12.4. Mobility in Soil

<b>Gp-7100-E</b>	
Ecology - Soil	Adsorbs into the soil.

### 12.5. Other Adverse Effects

<b>Hazardous To The Ozone Layer</b>	: Not classified. Based on available data, the classification criteria are not met.
<b>Other Adverse Effects</b>	: None known.
<b>Other Information</b>	: Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Disposal Methods, Precautions

**Waste Treatment Methods:** Incineration is the preferred method for disposal of waste product.

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

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

**Additional Information:** Recycle the material as far as possible.

**Ecology - Waste Materials:** Avoid release to the environment.

## 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 UNRTDG** Not regulated for transport

**14.2 In Accordance with IATA** Not regulated for transport

**14.3 In Accordance with IMDG** Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

### 15.1. Occupational Safety and Health Act

Hazardous Substances Prohibited for Manufacturing	: Not applicable
Hazardous Substances Requiring Permission	: Not applicable
Threshold Limit Values Chemicals	: Not applicable
Hazardous Substances Below Permissible Level	: Not applicable
Hazardous Substances Subject to Working Environment Measurement	: Not applicable
Hazardous Substances Subject to Workers Requiring Health Examination	: Not applicable
Hazardous Substances Subject to Control	: Not applicable

### 15.2. Chemicals Control Act

Toxic Chemicals	: Not applicable
Prohibited Chemicals	: Not applicable
Restricted Chemicals	: Not applicable
Substance requiring preparation for accidents	: Not applicable

### 15.3. ACT ON REGISTRATION, EVALUATION, ETC. OF CHEMICALS (K-REACH)

Korea Existing Chemicals Inventory (KECI)	: KECI-No. : KE-35400. Water : KECI-No. : KE-34177. $\alpha$ -Tridecyl- $\omega$ -hydroxypoly(oxy-1,2-ethanediy)l : KECI-No. : KE-33998. 1,3,5-Triazine-1,3,5-(2H,4H,6H)-trithanol
Priority Existing Chemical ('PEC') – subject to registration:	: Not applicable
Priority Control Substances (Korea)	: Not applicable
CMR Substances (Korea)	: Not applicable

### 15.4. Safety Control of Dangerous Substances Act

Safety Control of Dangerous Substances Act	: Not applicable
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### 15.5. Wastes Control Act

Wastes Control Act	: Not applicable
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### 15.6. Other Domestic and International Regulatory Information

#### Domestic Regulations

Persistent Organic Pollutants(POPs) Control Act	: Not applicable
Ozone Depleting Substances(ODS)	: Not applicable

#### International Inventories/Lists

<b>Water (7732-18-5)</b>
<b>Regulatory Reference</b>
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Listed on the Canadian DSL (Domestic Substances List)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on IECS (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on the TCSI (Taiwan Chemical Substance Inventory)
<b>Polyoxyethylene Tridecyl Ether (24938-91-8)</b>

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### Regulatory Reference

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on the Canadian DSL (Domestic Substances List)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Japanese Pollutant Release and Transfer Register Law (PRTR Law)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

### 1,3,5-Triazine-1,3,5(2h,4h,6h)-Triethanol (4719-04-4)

#### Regulatory Reference

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on the Canadian DSL (Domestic Substances List)  
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)  
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)  
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)  
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory  
Listed on KECL/KECI (Korean Existing Chemicals Inventory)  
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)  
Listed on NZIoC (New Zealand Inventory of Chemicals)  
Listed on the Japanese ISHL (Industrial Safety and Health Law)  
Listed on INSQ (Mexican National Inventory of Chemical Substances)  
Listed on the TCSI (Taiwan Chemical Substance Inventory)

### Siloxanes And Silicones, 3-Aminopropyl Methyl, Lauryl Methyl, Methyl 2-Phenylpropyl (109037-71-0)

#### Regulatory Reference

Listed on the United States TSCA (Toxic Substances Control Act) inventory  
Listed on the Canadian NDSL (Non-Domestic Substances List)  
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 NZIoC (New Zealand Inventory of Chemicals)

## International Agreements

No data available.

## SECTION 16: OTHER INFORMATION

<b>Revision Number</b>	: 1.0
<b>Date of Issue</b>	: 2021/07/07
<b>Information Sources and References</b>	: Information and data obtained and used in the authoring of this safety data sheet could come from database subscriptions, official government regulatory body websites, product/ingredient manufacturer or supplier specific information, and/or resources that include substance specific data and classifications according to GHS or their subsequent adoption of GHS.
<b>Other Information</b>	: This SDS is prepared in accordance with the SDS requirements of the Ministry of Employment and Labor (MOEL) of South Korea public notice No. 2020-130

*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.*