

# Safety Data



## 1. Identification of Substance:

<b>Product Name:</b> GreenClean <b>Product Use:</b> Cleaner/primer for EPDM rubber <b>Field of Application:</b> building and metal industry  <b>Identified uses:</b> Industrial/Professional use	<b>Company Details:</b> <b>Green Shield Products</b> <b>Address:</b> 4008 Louetta Rd. Suite #464 Spring, TX 77388  <b>Telephone:</b> 1-877-GRN-SHLD 24-Hr. Emergency Response: CHEMTREC (800) 424-9300 INTERNATIONAL: +1-(703) 527-3887
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## 2. Hazards Identification

### GHS Ratings:

Skin corrosive	2	Reversible adverse effects in dermal tissue, Draize score: $\geq$ 2.3 < 4.0 or persistent inflammation
Eye corrosive	2A	Eye irritant: Subcategory 2A, Reversible in 21 days

### GHS Hazards

H315	Causes skin irritation
H319	Causes serious eye irritation

### GHS Precautions

P264	Wash hands thoroughly after handling
P280	Wear protective gloves/protective clothing/eye protection/face protection
P321	Specific treatment is urgent (see Section 4 First Aid measures)
P362	Take off contaminated clothing and wash before reuse
P302+P352	IF ON SKIN: Wash with soap and water
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P332+P313	If skin irritation occurs: Get medical advice/attention
P337+P313	Get medical advice/attention

**Signal Word: Warning**



### Acute Toxicity:

**Eyes:** May cause irritation & burns.

**Skin:** Minor potential for irritation.

**Inhalation:** Liquid may cause irritation.

**Ingestion:** May cause irritation & burns.

**Chronic Effects:** Not expected to cause any adverse chronic health effects.



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## 3. Composition/information on ingredients:

Chemical Name	CAS Number	Weight Concentration%
D-Glucopyranose, oligomeric, decyl octyl glycosides	68515-73-1	5.00% - 10.00%
9-Decenamamide, N,N-dimethyl-	1356964-77-6	1.00% - 5.00%
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides	10615-47-9	1.00% - 5.00%
Sodium xylene sulfonate	1300-72-7	1.00% - 5.00%
Alcohols, C9-11, ethoxylated	68439-46-3	1.00% - 5.00%

## 4. First Aid Measures:

**Inhalation:** If symptoms ensue, move to fresh air. If breathing is difficult, give oxygen.

**After Eye Contact:** Rinse opened eye for at least 15 minutes under running water.

Remove contact lenses if present and easy to do so, and continue rinsing.

**After Skin Contact:** Clean affected area with soap and plenty of water.

**After Swallowing:** Consult physician.

**Notes to Physician:** Treat symptomatically

## 5. Firefighting measures

Flash Point: 134 C (273 F)

LEL: N/A UEL: NA

**Upper and lower explosive limits listed if known.**

**Suitable Extinguishing Agents:** Water spray, CO<sub>2</sub>, Foam, Dry chemical

**Information about Protection against Explosions and Fires:** Closed containers may rupture when exposed to extreme heat.

**Dangerous Products of Decomposition:** Oxides of carbon, oxides of sulfur.

**Protective Equipment:** Firefighters should wear a pressure demand self-contained breathing apparatus and protective clothing.

## 6. Accidental release measures

**Person-Related Safety Precautions:** Avoid contact with skin and eyes.

**Measures for Environmental Protection:** Cover and contain spill with absorbent material. Collect for proper disposal according to local, state, and federal regulations.

Clean up with water.



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## 7. Handling and Storage

**Information for Safe Handling:** Avoid contact with skin or inhalation.

**Storage Requirements:** Store in dry, well ventilated area. Keep containers tightly closed. Store between 60°F-100°F. Material may settle.

## 8. Exposure Controls and Personal Protection:

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
D-Glucopyranose, oligomeric, decyl octyl glycosides 68515-73-1	Not Established	Not Established	Not Established
9-Decenamamide, N,N-dimethyl- 1356964-77-6	Not Established	Not Established	Not Established
D-Glucopyranose, oligomeric, C10-16-alkyl glycosides 110615-47-9	Not Established	Not Established	Not Established
Sodium xylene sulfonate	Not Established	Not Established	Not Established
Alcohols, C9-11, ethoxylated 68439-46-3	Not Established	Not Established	Not Established

**Engineering Controls:** No specific measures required if proper PPE precautions are followed.

**General Protective and Hygienic Measures:** Usual precautionary measures should be adhered to when handling chemicals.

### Personal Protective Equipment:

**Respiratory Protection:** None required if work area is properly ventilated.

**Hand Protection:** Protective chemical resistant gloves.

**Eye Protection:** Safety glasses.

**Body Protection:** Protective work clothing. Launder separately.

**Contaminated Gear:** Observe local requirements. Dispose of in accordance with local/state/federal regulations.



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## 9. Physical and Chemical Properties:

Physical properties listed where known.

<b>Appearance:</b> Amber liquid <b>Vapor Pressure:</b> N/A <b>Vapor Density:</b> N/A <b>Specific Gravity:</b> 1.00 <b>Freezing point:</b> N/A <b>Boiling range:</b> 297°C <b>Evaporation rate:</b> N/A <b>Explosive Limits:</b> N/A <b>Autoignition temperature:</b> 240°C	<b>Odor:</b> Slightly sweet <b>Vapor Density:</b> N/A <b>pH:</b> N/A <b>Melting point:</b> N/A <b>Solubility:</b> N/A <b>Flash point:</b> 273°F, 134°C <b>Flammability:</b> N/A <b>Partition coefficient (n-octanol/water):</b> N/A <b>Decomposition temperature:</b> N/A
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## 10. Stability and Reactivity:

**Incompatible Materials:** Avoid contact with isocyanates and strong oxidizing agents.

**Hazardous Polymerization:** Not expected to occur.

**Dangerous Products of Decomposition:** Oxides of carbon, oxides of sulfur.

## 11. Toxicological Information:

### Mixture Toxicity

Inhalation Toxicity LC50: 30mg/L

### Component Toxicity

1356964-77-6	9-Decenamamide, N,N-dimethyl- Oral LD50: 550 mg/m3 (Rat) Dermal LD50: 2,000 mg/kg (Rabbit) Inhalation LC50: 3,551 mg/m3 (
68439-46-3	Alcohols, C9-11, ethoxylated Oral LD50: 1,400 mg/kg (Rat) Dermal LD50: 2,000 mg/kg (Rat) Inhalation LC50: 2 mg/L (Rat)

### Toxicity Values Listed if Known

#### Acute Toxicity:

**Eyes:** May cause irritation & burns.

**Skin:** Minor potential for irritation.

**Inhalation:** Liquid may cause irritation.

**Ingestion:** May cause irritation & burns.

**Chronic Effects:** Not expected to cause any adverse chronic health effects.

**Routes of Entry:** Inhalation, ingestion, skin contact, eye contact

**Target Organs:** Eyes, skin

### Chemicals with Known or Possible Carcinogenic Effects:

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
None			None



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## 12. Ecological Information:

**General Information:** Based on experience, no adverse effects are to be expected if correct disposal procedures have been followed as indicated in section 13. Individual component ecotoxicity listed if known.

### Component Ecotoxicity

9-Decenamamide, N,N-dimethyl-	72 Hr EC50 Algae 5.6 mg/L
	48 Hr EC50 Daphnia 2.8 mg/L
	96 Hr LC50 Fish 5.6 mg/L

## 13. Disposal considerations

**Recommendation:** Observe local requirements. Dispose of in accordance with local/state/federal environmental control laws.

## 14. Transport Information

### DOT Regulated Components:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods unless specifically cited below:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
	None			

## 15. Regulatory Information:

**OSHA HAZARD COMMUNICATION STANDARD:** This material is not classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

**SARA 311/312 Hazard Categories:** None.

**WARNING:** This product can expose you to chemicals listed below, which are known to the State of California to cause cancer, birth defects, or reproductive harm. For more information, visit [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

- None

### Massachusetts Right To Know List:

- None

### New Jersey Right To Know List:

- None

### Pennsylvania Right To Know List:

- None

### SARA 302 Extremely Hazardous Substances:

- None

### Chemicals subject to SARA 313 Reporting:

- None

<u>Country</u>	<u>Regulation</u>	<u>All Components Listed</u>
Canada	Canada DSL	Yes
US	Toxic Substances Control Act	Yes



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## 16. Other Information:

Safety Data Sheet issued by Product Safety Department

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Green Shield Products. The data on these sheets relates only to the specific material designated herein. Green Shield Products. assumes no legal responsibility for use or reliance upon this data. It is the user's responsibility to ensure that their activities comply with federal, state, or local laws

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SAFETY DATA SHEET



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