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Version 1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Control Green Low Odor Mastic Remover

### Other means of identification

**SDS #** GI-002

**UN/ID No** NA1993

**Product Code** 19205

### Recommended use of the chemical and restrictions on use

**Recommended Use** Mastic remover.

### Details of the supplier of the safety data sheet

#### **Supplier Address**

Grayling Industries, Inc.  
1008 Branch Drive  
Alpharetta, GA 30004

### Emergency Telephone Number

**Company Phone Number** 1-800-635-1551

**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)

1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

### Classification

Serious eye damage/eye irritation	Category 2
Aspiration toxicity	Category 1
Flammable Liquids	Category 4

### Signal Word

**Danger**

### Hazard Statements

Causes serious eye irritation

May be fatal if swallowed and enters airways

Combustible liquid



**Appearance** Light green liquid

**Physical State** Liquid

**Odor** Mild

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Keep away from heat/sparks/open flames/hot surfaces. — No smoking  
 Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician  
 Do not induce vomiting  
 IN CASE OF FIRE: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards Not Otherwise Classified (HNOC)**

May be harmful if swallowed  
 May be harmful in contact with skin

**Other Hazards**

Toxic to aquatic life with long lasting effects  
 Toxic to aquatic life

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Petroleum distillates, hydrotreated light	64742-47-8	Proprietary
Diethylene glycol monobutyl ether	112-34-5	Proprietary
Ethoxylated Nonylphenol	9016-45-9	Proprietary

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST-AID MEASURES**

**First Aid Measures**

- Eye Contact** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.
- Skin Contact** Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.
- Inhalation** After high vapor exposure, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a physician immediately.
- Ingestion** Rinse mouth. Do not induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention immediately.

**Most important symptoms and effects**

**Symptoms** Skin contact can lead to drying, defatting, itching, stinging and irritation. Prolonged contact may cause painful stinging or burning of eyes and lids, watering of eye, and irritation. May cause severe irritation with redness, pain, and blurred vision. Overexposure by inhalation may cause CNS depression- drowsiness, dizziness, confusion or loss of coordination. May cause nausea, vomiting, stomach ache, and diarrhea.

**Indication of any immediate medical attention and special treatment needed**

**Notes to Physician** Treat symptomatically. Persons with severe skin, liver or kidney problems should avoid use.

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**

Dry powder. AFFF. Foam. Carbon dioxide (CO2).

**Unsuitable Extinguishing Media** Water spray may be ineffective. If water is used, fog nozzles are preferable.

**Specific Hazards Arising from the Chemical**

Cool containers exposed to flames with water until well after the fire is out. Heat may cause the containers to explode. Keep product and empty container away from heat and sources of ignition.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** Wear respiratory protection. For large spills, evacuate the hazard area of unprotected personnel.

**Environmental Precautions** Do not allow into any sewer, on the ground or into any body of water. See Section 12 for additional Ecological Information.

**Methods and material for containment and cleaning up**

**Methods for Containment** Stop the flow of material, if this is without risk. Dike and contain spill.

**Methods for Clean-Up** Soak up with inert absorbent material. Mop up and dispose of spilled material.

**7. HANDLING AND STORAGE**

**Precautions for safe handling**

**Advice on Safe Handling** Use with adequate ventilation. Avoid breathing vapors or mists. Do not get in eyes, on skin, or on clothing. Use personal protection recommended in Section 8. Ground/bond container and receiving equipment. Do not flame, cut, braze weld or melt empty containers. Emptied container retains product residue. Observe all labeled safeguards until container is cleaned, reconditioned or destroyed. Wash face, hands, and any exposed skin thoroughly after handling. Keep away from heat/sparks/open flames/hot surfaces. — No smoking.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store away from incompatible materials. Store locked up.

**Incompatible Materials** Strong oxidizing agents.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillates, hydrotreated light 64742-47-8	100 ppm	500 ppm	-

**Appropriate engineering controls**

**Engineering Controls** Apply technical measures to comply with the occupational exposure limits. Eyewash stations. Showers.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection** Wear approved safety goggles.

**Skin and Body Protection** Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure.

**Respiratory Protection** Follow respirator protection program requirements (OSHA 1910.134 and ANSI Z88.2).

**General Hygiene Considerations** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild
<b>Appearance</b>	Light green liquid	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Light green		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>pH</b>	Not determined	
<b>Melting Point/Freezing Point</b>	Not determined	
<b>Boiling Point/Boiling Range</b>	213-242 °C / 417-468 °F	
<b>Flash Point</b>	79 °C /175 °F	Tag Closed Cup Lowest Component
<b>Evaporation Rate</b>	Not determined	
<b>Flammability (Solid, Gas)</b>	n/a-liquid	
<b>Upper Flammability Limits</b>	Not determined	
<b>Lower Flammability Limit</b>	0.9	
<b>Vapor Pressure</b>	0.1 mm Hg	@20°C
<b>Vapor Density</b>	6.1	(Air=1)
<b>Specific Gravity</b>	0.817	(1=Water)
<b>Water Solubility</b>	Appreciable	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	
<b>Autoignition Temperature</b>	260 °C / 500 °F	Lowest Component
<b>Decomposition Temperature</b>	Not determined	
<b>Kinematic Viscosity</b>	Not determined	
<b>Dynamic Viscosity</b>	Not determined	
<b>Explosive Properties</b>	Not determined	
<b>Oxidizing Properties</b>	Not determined	
<b>Additional Information</b>	Refractive index: 1.441	
	Mixed Aniline Point (Acid Insol): 71°C/160°F	
<b>VOC Content (%)</b>	99%	
<b>Density</b>	6.807 lb/gal	

## 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive under normal conditions.

### Chemical Stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

**Hazardous Polymerization**      Hazardous polymerization does not occur.

### Conditions to Avoid

Heat, flames and sparks. Contact with incompatible materials.

### Incompatible Materials

Strong oxidizing agents.

### Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

**Eye Contact**                                      Causes serious eye irritation.

**Skin Contact**                                     May be harmful in contact with skin.

**Inhalation**                                        Avoid breathing vapors or mists.

**Ingestion**                                         May be harmful if swallowed.

### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated light 64742-47-8	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	> 5.2 mg/L ( Rat ) 4 h
Diethylene glycol monobutyl ether 112-34-5	= 3384 mg/kg ( Rat )	= 2700 mg/kg ( Rabbit )	-
Ethoxylated Nonylphenol 9016-45-9	= 1310 mg/kg ( Rat )	= 2 mL/kg ( Rabbit )	-

### Information on physical, chemical and toxicological effects

**Symptoms**                                         Please see section 4 of this SDS for symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Carcinogenicity**                                This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

**Aspiration hazard**                             May be fatal if swallowed and enters airways.

**Numerical measures of toxicity**

Not determined

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Toxic to aquatic organisms. Toxic to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Petroleum distillates, hydrotreated light 64742-47-8		45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static		4720: 96 h Den-dronereides heteropoda mg/L LC50
Diethylene glycol monobutyl ether 112-34-5	100: 96 h Desmodesmus subspicatus mg/L EC50	1300: 96 h Lepomis macrochirus mg/L LC50 static		2850: 24 h Daphnia magna mg/L EC50 100: 48 h Daphnia magna mg/L EC50

**Persistence/Degradability**

This product is partially biodegradable

**Bioaccumulation**

Not determined

**Mobility**

This material is a mobile liquid

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

**Disposal of Wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**Note**

Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances. DOT Ground - "Non-bulk shipments may be non-regulated per 49CFR 173.150(f)(2)".

**DOT**

**UN/ID No** NA1993  
**Proper Shipping Name** Combustible liquid, n.o.s. (Petroleum distillates)  
**Hazard Class** Comb Liq  
**Packing Group** III

**IATA**

Not regulated

**IMDG**

Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

<b>DSL</b>	Listed
<b>EINECS</b>	Listed
<b>ENCS</b>	Listed
<b>KECL</b>	Listed
<b>AICS</b>	Listed

**Legend:**

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*

**US Federal Regulations**

**SARA 311/312 Hazard Categories**

<b>Acute Health Hazard</b>	Yes
<b>Fire Hazard</b>	Yes

**SARA 313**

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Diethylene glycol monobutyl ether - 112-34-5	112-34-5	Proprietary	1.0

**US State Regulations**

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Diethylene glycol monobutyl ether 112-34-5	X		X

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	2	0	Not determined
<b><u>HMIS</u></b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	2	0	Not determined

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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**