



SAFETY DATA SHEET

Issue Date 06-Apr-2010

Revision Date 31-May-2013

Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name Grayling Control Soy Mastic Remover

Other Means of Identification

SDS # GI-001

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

Aspiration toxicity	Category 1
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Signal Word

DANGER

Hazard Statements

May be fatal if swallowed and enters airways



Appearance Yellow Liquid

Physical State Liquid

Odor Mild

Precautionary Statements - Response

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Other Hazards

Harmful to aquatic life with long lasting effects
 Harmful to aquatic life

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Fatty Acid Methyl Ester	67784-80-9	Proprietary
Petroleum distillates, hydrotreated light	64742-47-8	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** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
- Skin Contact** Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.
- Inhalation** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration.
- 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, both Acute and Delayed

- Symptoms** Skin contact can lead to drying, defatting, itching, stinging and irritation. May cause severe irritation with redness, pain, and blurred vision. May cause irritation to the mucous membranes and upper respiratory tract.

Indication of any Immediate Medical Attention and Special Treatment Needed

- Note to Physicians** Treat symptomatically. Persons with severe skin, liver or kidney problems should avoid use.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry powder. AFFF. 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.

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** Should not be released into the environment. Prevent entry into waterways, sewers, basements or confined areas.

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 Cleaning Up** Absorb with inert material, and then place in suitable container for chemical waste.

7. HANDLING AND STORAGE

Precautions for Safe Handling

- Advice on Safe Handling** Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Avoid breathing vapors or mists. Avoid contact with skin and eyes. Use personal protection recommended in Section 8. Do not flame, cut, braze weld or melt empty containers. Follow all SDS/label precautions even after container is emptied because it may retain product residues. Ground/bond container and receiving equipment. Use an inlet line diameter of at least 3.5 inches (8.9 centimeters) with a maximum flow rate of 1 meter/second.

Conditions for Safe Storage, Including any Incompatibilities

- Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Store away from incompatible materials. Do not store at temperatures above 120°F. Keep containers closed when not in use and upright to prevent leakage.
- 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** Ensure adequate ventilation, especially in confined areas. Eyewash stations. Showers.

Individual Protection Measures, such as Personal Protective Equipment

- Eye/Face Protection** Wear approved safety goggles.
- Skin and Body Protection** Wear suitable gloves. Aprons. Wear suitable protective clothing and footwear 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. Wash contaminated clothing before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State	Liquid	Odor	Mild
Appearance	Yellow Liquid	Odor Threshold	Not available
Color	Yellow		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	Not applicable	
Melting Point/Freezing Point	Not available	
Boiling Point/Boiling Range	221-304 °C / 430-580 °F	
Flash Point	94 °C / 201 °F	Tag Closed Cup
Evaporation Rate	0.116	(butyl acetate = 1)
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not available	
Lower Flammability Limit	1.0%	
Vapor Pressure	1.8 mm Hg	@20°C
Vapor Density	4.8	(Air=1)
Relative Density (Specific Gravity)	0.870	(1=Water) @ 68°F (20°C)
Water Solubility	Negligible	
Solubility in Other Solvents	Not determined	
Partition Coefficient	Not available	
Autoignition Temperature	232 °C / 450 °F	
Decomposition Temperature	Not available	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
VOC Content (%)	100%	
Density	7.247 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. Open flames. Incompatible Materials.

Incompatible Materials

Strong oxidizing agents.

Hazardous Decomposition Products

Carbon monoxide. Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	Avoid contact with skin.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not taste or swallow.

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
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

Harmful to aquatic life Harmful 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

Persistence and Degradability

This product is partially biodegradable

Bioaccumulation

The product has low potential for bioaccumulation

Mobility

Potential for mobility in soil is very high

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

<u>Note</u>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	Not regulated

15. REGULATORY INFORMATION

International Inventories

TSCA	Listed
DSL	Listed
EINECS	Listed
ENCS	Listed
IECSC	Listed
KECL	Listed
AICS	Listed

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - 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

Acute health hazard	Yes
<u>SARA 313</u>	
Not determined	

US State Regulations

U.S. State Right-to-Know Regulations

Not Determined

16. OTHER INFORMATION

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