

# GraphLine Inc.<sup>®</sup>

1100 International Pkwy.  
Sunrise FL 33323  
800-998-3200

## MATERIAL SAFETY DATA SHEET

IN CASE OF TRANSPORTATION EMERGENCY (Spill, Leak, Fire, Exposure, Accident)  
Call CHEMTREC 1-800-424-9300 (24 Hour)

### SECTION 1: IDENTIFICATION

Name: GRAPHLINE SCRATCH REMOVER AND PLATE CLEANER

Revision 5/8/2004

Product Number 6018107011

Size 1 QT.

Formula: Aqueous Mixture

### SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>C.A.S. #</u>	<u>INGREDIENTS</u>	<u>%</u>
102-71-6	TRIETHANOLAMINE	1-5
112-80-1	OLEIC ACID	1-5
50-70-4	SORBITOL	1-5
64741-41-9	HEAVY STRAIGHT- RUN NAPTHA	30-50
6834-92-0	SODIUM METASILICATE	1-5
68412-54-4	BRANCHED-NONYLPHENOL, ETHOXYLATE	1-5
7732-18-5	WATER	35-45
7758-29-4	SODIUM PHOSPHATE, TRIBASIC	1-5
8002-09-3	PINE OIL	1-5

<u>EXPOSURE LIMITS</u>	<u>OSHA</u>		<u>ACGIH</u>		<u>CANADA</u>	
	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>	<u>TWA</u>	<u>STEL</u>
TRIETHANOLAMINE	None	None	5 mg/m3	None	None	None
OLEIC ACID	None	None	None	None	None	None
SORBITOL	None	None	None	None	None	None
HEAVY STRAIGHT- RUN NAPTHA	None	None	None	None	None	None
SODIUM METASILICATE	None	None	None	None	None	None
BRANCHED-NONYLPHENOL, ETHOXYLATE	None	None	None	None	None	None
WATER	None	None	None	None	None	None
SODIUM PHOSPHATE, TRIBASIC	None	None	None	None	None	None
PINE OIL	None	None	None	None	None	None

#### Source of Exposure Limit Data:

OSHA: Occupational Safety and Health Administration

ACGIH: American Conference of Governmental Industrial Hygienists

CANADA: Province of Alberta's Occupational and Health and Safety Act.

### ADDITIONAL EXPOSURE INFORMATION

<u>CAS. NUMBER</u>	<u>SKIN DESIGNATION *</u>			<u>CARCINOGENS</u>			<u>PRIMARY HAZARD</u>	<u>IDLH (ppm)</u>
	<u>OSHA</u>	<u>ACGIH</u>	<u>CANADA</u>	<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>		
102-71-6	No	No	No	No	No	No	Not classified	None
112-80-1	No	No	No	No	No	No	Not classified	None
50-70-4	No	No	No	No	No	No	Not classified	None
64741-41-9	No	No	No	No	No	No	Not classified	Unknown
6834-92-0	No	No	No	No	No	No	Not classified	None
68412-54-4	No	No	No	No	No	No	Not classified	None
7732-18-5	No	No	No	No	No	No	Not classified	None
7758-29-4	No	No	No	No	No	No	Not classified	None

8002-09-3	No	No	No	No	No	No	No	Not classified	None
-----------	----	----	----	----	----	----	----	----------------	------

\* For substances designated as a 'Skin' hazard, protective measures are recommended to prevent or reduce skin absorption. These measures may include the use of gloves, aprons, goggles or other equipment, as well as engineering controls or work practices.

### **SECTION 3: HAZARDS IDENTIFICATION**

#### **EYES CONTACT:**

May cause moderate eye irritation: signs/symptoms can include redness, swelling, pain, tearing, and hazy vision.

#### **SKIN CONTACT:**

Skin Burns (chemical corrosivity): signs/symptoms can include redness, swelling, itching, pain, blistering, ulceration, sloughing, and scar formation.

#### **INHALATION:**

Central Nervous System Depression. signs/symptoms can include headache, dizziness, drowsiness, incoordination, slowed reaction time, slurred speech, giddiness and unconsciousness.

Irritation (upper respiratory) signs/symptoms can include soreness of the nose and throat, coughing and sneezing.

#### **INGESTION:**

Irritation of Gastrointestinal Tissues: signs/symptoms can include pain, vomiting, abdominal tenderness, nausea, blood in vomitus, and blood in feces.

Nervous System Effects: signs/symptoms can include emotional changes, lack of coordination, tremors and sensory loss.

**H.M.I.S. CODES:** HEALTH: 2 FIRE: 2 REACTIVITY: 0 PROTECTION: D

### **SECTION 4: FIRST AID MEASURES**

#### **EYE CONTACT:**

Immediately flush with large amounts of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Contact physician immediately. (preferably an ophthalmologist)

#### **SKIN CONTACT:**

Immediately wash affected area with soap and water for 15 minutes. Remove contaminated clothing. Get immediate medical attention. Wash contaminated clothing before reuse.

#### **INHALATION:**

Remove victims to fresh air, if not breathing, have certified person administer artificial respiration. Contact physician immediately.

#### **INGESTION:**

If swallowed do NOT induce vomiting. Give victim two glasses of water. Get medical attention immediately. Never give anything by mouth to an unconscious person.

### **SECTION 5: FIRE FIGHTING MEASURES**

Flash point (F) : 105 FLAMMABILITY LEL- N/D UEL- N/D

Extinguishing media: Water spray, Carbon dioxide, Dry chemical, Foam

#### **Special fire fighting procedures :**

Wear full protective clothing, including helmet, self-contained, positive pressure or pressure demand breathing apparatus, bunker coat and pants, bands around arms, waist and legs, face mask, and protective covering for exposed areas of the head.

#### **Unusual fire and explosion hazards :**

Vapors may travel long distances along the ground or floor to an ignition source and flash back.

#### **NATIONAL FIRE PROTECTION ASSOC. CODES**

HEALTH: 1 FIRE: 2 REACTIVITY: 0 SPECIAL: SC

### **SECTION 6: ACCIDENTAL RELEASE MEASURES**

**SPILL RESPONSE:**

Observe precautions from other sections. Ventilate area. Extinguish all ignition sources. Contain spill. Cover up with absorbent material. Collect spilled material. Clean up residue. Place in U.S DOT approved container and seal. Since regulation vary, consult applicable regulations or authorities before disposal.

SARA Hazard Class: Fire Hazard = yes, Pressure= no, Reactivity= no, Acute= yes, Chronic= yes.

**SECTION 7: HANDLING AND STORAGE**

Keep container tightly closed. Flammable liquid and vapor. Keep away from heat, sparks, open flame, and other sources of ignition. Prevent all sources of ignition.

Store away from acids. Store away from heat. Keep container dry.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

Avoid eye contact. Wear unvented goggles during operation in which exposure is likely.

Avoid skin contact. Wear appropriate gloves when handling this material. Use one or more of the following personal protection items as necessary to prevent skin contact: aprons, coveralls.

Use with appropriate local exhaust ventilation. Provide sufficient ventilation to maintain emissions below recommended exposure limits. If exhaust ventilation is not adequate, use appropriate respiratory protection.

Avoid breathing of vapors. Select one of the following NIOSH approved respirators based on airborne concentration of contaminants and in accordance with OSHA regulations: half-mask organic vapor and acid gas respirator, full-face organic vapor and acid gas respirator.

Do not eat, drink, or smoke when using this product. Wash exposed areas thoroughly with soap and water.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**Boiling point (C) :** 99

**Melting point:** N/D

**Percent volatile by volume :** 84

**Evaporation rate:** <1.8 (N-Butyl Acetate=1)

**Specific gravity (water = 1) :** 1.05

**Appearance :** Liquid, viscous, milky white emulsion.

**Volatile Organic Compounds:** 28.7% by Mess 2.5 lb. pe

**Vapor pressure:** 17 mmHG @ 68F

**Vapor density:** >1

**Solubility in water:** COMPLETE

**pH:** 10.5

**Odor:** Slight solvent or terpene odor.

**SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable

**Hazardous polymerization:** Will not occur

**Incompatibility (materials to avoid):** Strong acids, strong oxidizing agents.

**Hazardous decomposition products:** Carbon monoxide and carbon dioxide, hydrocarbons, oxides of nitrogen.

**SECTION 11: DISPOSAL CONSIDERATIONS**

Since regulations vary, consult applicable regulations or authorities before disposal. Incinerate in an industrial or commercial facility in the presence of a combustible material. U.S. EPA Hazardous Waste Number = D001 (Ignitable).

**SECTION 12: TRANSPORTATION INFORMATION**

SHIPPING NAME: COMBUSTIBLE LIQUID NOS (CONTAINS: PETROLIUM DISTILLATES)

UN ID-#: 1993

PACKING GROUP: III

MAJOR CLASS: COMBUSTIBLE

PRIMARY LABEL: FLAMABLE LIQUID

MINOR CLASS: N/A

SECONDARY LABEL: N/A

REMARKS: REGULATED MATERIAL

\* Reference: CFR 49, Table 172.102 (highway)

### **SECTION 13: REGULATORY INFORMATION**

<b><u>CAS. NUMBER</u></b>	<b><u>CERCLA</u></b>	<b><u>SARA-EHS</u></b>	<b><u>SARA-313</u></b>	<b><u>RCRA</u></b>	<b><u>CAL-PROP 65</u></b>	<b><u>N.J.</u></b>	<b><u>FLA.</u></b>
102-71-6	No	No	No	No	No	No	Yes
112-80-1	No	No	No	No	No	No	No
50-70-4	No	No	No	No	No	No	No
64741-41-9	No	No	No	No	No	No	No
6834-92-0	No	No	No	No	No	No	No
68412-54-4	No	No	No	No	No	No	No
7732-18-5	No	No	No	No	No	No	No
7758-29-4	Yes	No	No	No	No	No	No
8002-09-3	No	No	No	No	No	No	No

\* Specific CAS Number references from these regulatory tables:

CERCLA: 40 CFR. Table 302.4

SARA-EHS: 40 CFR. 355 Appendices A B

SARA-313: 40 CFR. section 372.65

RCRA: 40 CFR. section 261.3

CAL-PROP 65: California Proposition 65, Developmental and Reproductiv

New Jersey Right to Know

Florida Right to Know

### **SECTION 14: OTHER INFORMATION**

**Comments:** None

The data in this Material Safety Data form relates to the specific material designated herein and to the standard use of same in combination with other materials or processes. The hazards covered are believed to be those most likely to occur in the reasonable, contemplated, or ordinary use of these chemicals. No warranty is made or implied in respect of other hazards which may occur as a result of unreasonable, abnormal, or unusual usage, or non-standard application of these materials. The information accumulated herein is believed to be accurate, but GraphLine Inc. expressly denies any warranty to such effect. Customers or recipients are advised to confirm, in advance that the information is current, applicable and suitable to their circumstances. This information is furnished as a service only.