

9409 West Commercial Blvd.
Tamarac, Fl. 33351
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 SYSTEM AND TRAY CLEANER

Revision 8/25/03

Product Number 6017783003

Size QUART

Formula AQUEOUS ACIDIC SOLUTION

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>C.A.S. #</u>	<u>INGREDIENTS</u>	<u>%</u>
1762-95-4	AMMONIUM THIOCYANATE	30- 35
7783-18-8	AMMONIUM THIOSULFATE	20- 25

EXPOSURE LIMITS

	<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>
AMMONIUM THIOCYANATE						
AMMONIUM THIOSULFATE	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>		
1762-95-4	No	No	No					
7783-18-8	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:

May cause irritation. Repeated and prolonged contact may cause sensitization in some susceptible individuals.

INHALATION:

May cause irritation to nasal mucous membranes and respiratory tract.

INGESTION:

May cause irritation or corrosion to digestive tract.

H.M.I.S. CODES: HEALTH: 1 FIRE: 0 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:

Rinse with copious amounts of water and/or wash with soap and water for at least 15 minutes. If irritation occurs,
contact physician. Remove contaminated clothing.

INHALATION:

Remove victim to fresh air, if not breathing, have certified person administer CPR. Contact physician immediately.

INGESTION:

Administer 2-4 glasses milk. Induce vomiting. Contact physician or poison control center immediately.

SECTION 5: FIRE FIGHTING MEASURES

Flash point (F) : None **FLAMMABILITY LEL-** N/A **UEL-** N/A

Extinguishing media: Any applicable to primary cause of fire.

Special fire fighting procedures :

Keep containers cool with water spray. Wear NIOSH approved self contained breathing apparatus when entering building.

Unusual fire and explosion hazards :

When heated to decomposition release of toxic fumes is possible.

NATIONAL FIRE PROTECTION ASSOC. CODES

HEALTH: 2 **FIRE:** 0 **REACTIVITY:** 1 **SPECIAL:** None

SECTION 6: ACCIDENTAL RELEASE MEASURES**SPILL RESPONSE:**

Sweep up dust and place in a Fireproof container labeled "Haazardous Waste, Oxidizer". Flush area with low pressure water.

SECTION 7: HANDLING AND STORAGE

Store in cool, dry place. Keep packages dry. DO NOT store with Combustible materials. Do not store near heat.
Remove and wash contaminated clothing immediately. Do not store near heat. Do not store food, drink, or tobacco in area where they may become contaminated with this material.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION: Wear OSHA approved dust filter respirator if TLV is exceeded. - LOCAL EXHAUST: Recommended - SPECIAL EXHAUST: N/A. - PROTECTIVE GLOVES: Latex , Rubber or neoprene waterproof gloves. EYE PROTECTION: Chemical safety goggles/splash shield. OTHER PROTECTIVE EQUIPMENT: Rubber or plastic apron

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling point (C) : >212

Melting point: N/A

Percent volatile by volume : 0

Evaporation rate: N/A (N-Butyl Acetate=1)

Specific gravity (water = 1) : 1.143

Appearance : Brown color

Volatile Organic Compounds: N/A

Vapor pressure: N/A

Vapor density: N/A

Solubility in water: 100%

pH: 6.50

Odor: Slight ammonia odor.

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable

Hazardous polymerization: Will not occur

Incompatibility (materials to avoid): Strong alkalis and oxidizers.

Hazardous decomposition products: Oxides of sulphur.CO2 carbon monoxide.

SECTION 11: DISPOSAL CONSIDERATIONS

Dispose of in accordance with Federal, State, and local regulations. If approved, flush to sewer system waste treatment plant. Large quantities may be neutralized with soda ash.

SECTION 12: TRANSPORTATION INFORMATION

SHIPPING NAME: NOT REGULATED MATERIAL

UN ID-#: N/A

PACKING GROUP: N/A

MAJOR CLASS: N/A

PRIMARY LABEL: N/A

MINOR CLASS: N/A

SECONDARY LABEL: N/A

REMARKS: NOT REGULATED MATERIAL

* Reference: CFR 49, Table 172.102 (highway)

SECTION 13: REGULATORY INFORMATION

<u>CAS. NUMBER</u>	<u>CERCLA</u>	<u>SARA-EHS</u>	<u>SARA-313</u>	<u>RCRA</u>	<u>CAL-PROP 65</u>	<u>N.J.</u>	<u>FLA.</u>
1762-95-4	No	No	No	No	No	No	No
7783-18-8	No	No	No	No	No	No	No

* Specific CAS Number references from these regulatory tables:

CERCLA: 40 CFR. Table 302.4

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

SARA-EHS: 40 CFR. 355 Appendices A B

New Jersey Right to Know

SARA-313: 40 CFR. section 372.65

Florida Right to Know

RCRA: 40 CFR. section 261.3

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.