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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 DISPERSANT

Revision 4/17/2004

Product Number 6018615001

Size 32 OZ.

Formula: N/A , MIXTURE

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

<u>C.A.S. #</u>	<u>INGREDIENTS</u>	<u>%</u>					
64742-48-9	ISOPARAFFINIC HYDROCARBON	100					
<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>
ISOPARAFFINIC HYDROCARBON		N/E	N/E	N/E	N/E	N/E	N/E

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>		
64742-48-9	No	No	No	No	No	No	Combustible	N/E

* 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.

This product is not known or reported to be carcinogenic by any reference including IARC, OSHA, NTP, or EPA.

SECTION 3: HAZARDS IDENTIFICATION

EYES CONTACT:

Contact with high vapor concentration may cause slight reversible irritation with symptoms of tearing and itching.

FIRST AID:

SKIN CONTACT:

Contact may cause slight to moderate irritation with redness and drying of the contacted area. Prolonged or repeated contact may result in defatting of the skin leading to dermatitis.

INHALATION:

Based on several studies of human volunteers and on experience, the odor threshold appears to be approximately 50 ppm in air. The irritation threshold for isoparaaffinic hydrocarbons is at or near the odor threshold of 50 ppm in air. No IDLH concentration has been established for this compound. Exposure at concentrations greater than 100 ppm in air may cause slight mucous membrane irritation. At higher concentrations, inhalation may cause headache, dizziness, and nausea. Chronic repeated exposure has not been known or reported to cause significant effects other than those of acute exposure. Repeated inhalation exposure in rats of a similar hydrocarbon at concentrations greater than or equal to 300 ppm in air caused mild kidney effects and a low grade (mild) anemia. The significance of these effects for human health is questionable.

INGESTION:

ACUTE: Ingestion may cause gastroenteritis with any or all of the following symptoms: nausea, light headedness, diarrhea, and vomiting. Aspiration of isoparaffinic hydrocarbons into the lungs should be avoided. Aspiration may cause pulmonary (lung) edema, congestion, pneumonitis, and may be fatal. CHRONIC: There are no data available on repeated ingestion of this product.

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

Rinse with copious amounts of water and/or wash with soap and water for 15 minutes. If irritation persists contact a physician.

INHALATION:

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

INGESTION:

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

SECTION 5: FIRE FIGHTING MEASURES

Flash point (F) : 102F **FLAMMABILITY LEL-** 0.7 **UEL-** 7

Extinguishing media: ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL

Special fire fighting procedures :

USE WATER TO COOL CONTAINERS EXPOSED TO FIRE. -- Additional respiratory protection is necessary when a spill or fire involving this product occurs. You are recommended to use a self-contained breathing apparatus (SCBA) positive pressure unit.

Unusual fire and explosion hazards :

Additional protective clothing must be worn to prevent personal contact with this material. Those items include but are not limited to boots, gloves, hard hat, splash-proof goggles and impervious clothing. Compatible materials to this material include neoprene, chlorinated polyethylene, polyvinyl chloride, butyl rubber, viton, polyvinyl alcohol and saranex.

NATIONAL FIRE PROTECTION ASSOC. CODES

HEALTH: 1 **FIRE:** 1 **REACTIVITY:** 0 **SPECIAL:**

SECTION 6: ACCIDENTAL RELEASE MEASURES

SPILL RESPONSE:

Evacuate all non-essential personnel. Utilize emergency response personal protective equipment prior to start of any response. Remove all sources of ignition. Stop the source of spill as soon as possible and notify appropriate personnel. AIR RELEASE: Vapors may be suppressed by the use of water fog. Contain all liquid for treatment and/or disposal as a (potential) hazardous waste. WATER RELEASE: This material is lighter than and not soluble in water. Notify all downstream water users of possible contamination. Divert water flow around spill if possible and safe to do so. Remove with a vacuum system or pumping device for treatment and/or disposal. LAND SPILL: Create dike or trench to contain materials. Spill material may be absorbed using clay, sand or non-flammable commercial absorbent. Do not place spill material back in their original container. Containerize and label all spill materials properly. Decontaminate all clothing and the spill area using detergent and flush with large amounts of water. Materials may be removed with a vacuum or network of pumps.

SECTION 7: HANDLING AND STORAGE

Do not take internally. Avoid contact with skin, eyes, and clothing. Upon contact with skin or eyes, wash off with water. STORAGE: Store in a cool , dry, well ventilated place, away from all sources of ignition. DO NOT STORE ABOVE 102 deg. F. (39 deg. C.)

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTION: Respiratory protection not normally needed since the volatility and toxicity are low. If vapors, mists or aerosols are generated, wear a NIOSH/MSHA approved respirator. VENTILATION: Local exhaust ventilation is recommended if vapors, mists or aerosols are generated. Otherwise use general exhaust ventilation. SKIN PROTECTION: Use impermeable gloves. Chemical goggles recommended.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Boiling point (C) : 156	Volatile Organic Compounds: N/D
Melting point: N/D	Vapor pressure: 10 [mm/Hg.]
Percent volatile by volume : 100	Vapor density: 5 [air=1]
Evaporation rate: .3 (N-Butyl Acetate=1)	Solubility in water: NEGLIGIBLE
Specific gravity (water = 1) : .75	pH: N/A
Appearance : CLEAR LIQUID	Odor: FAINT ODOR OF HYDROCARBONS

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable	Hazardous polymerization: Will not occur.
Incompatibility (materials to avoid):	Strong oxidizers
Hazardous decomposition products:	Carbon monoxide, carbon dioxide.

SECTION 11: DISPOSAL CONSIDERATIONS

If this product becomes a waste, it meets the criteria for a hazardous waste as defined under 40 CFR 261 and would have the following waste number: D001. As a hazardous liquid waste, it must be disposed of in accordance with federal, state, and local regulations in a permitted hazardous waste treatment, storage and disposal facility by incineration. Care must be taken to prevent environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state, and federal regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes.

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:

* 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>
64742-48-9	No	No	No	Yes	No	Yes	Yes

* 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.