

# Safety Data Sheet



Revision Date 29-Oct-2013

Version 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product name</b>	<b>Fission Traffic Lane Cleaner w/ SST</b>
<b>Product code</b>	<b>LG-F1161 101-173-B</b>
<b>Recommended Use</b>	Cleaning agent
<b>Supplier</b>	Sapphire Scientific 2604 Liberator Prescott, AZ 86301 Phone: (928) 445-3030
<b>Emergency telephone number</b>	INFOTRAC 1-800-535-5053 (North America) 1-352-323-3500 (International)

## 2. Hazards identification

### Emergency Overview

Irritating to eyes  
Irritating to skin

### Potential Health Effects

#### Acute toxicity

<b>Eyes</b>	Irritating to eyes.
<b>Skin</b>	Irritating to skin.
<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Ingestion</b>	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

#### Chronic Effects

Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons.

#### Aggravated Medical Conditions

None known.

#### Environmental hazard

See Section 12 for additional Ecological Information.

## 3. Composition/information on ingredients

The product contains no substances which at their given concentration, are considered to be hazardous to health.

## 4. First aid measures

<b>General advice</b>	When symptoms persist or in all cases of doubt seek medical advice.
<b>Eye contact</b>	Remove contact lenses. Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention.

<b>Skin contact</b>	Wash off immediately with soap and plenty of water. Use a mild soap if available.
<b>Inhalation</b>	Move to fresh air. Get medical attention immediately if symptoms occur.
<b>Ingestion</b>	Gently wipe or rinse the inside of the mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Get medical attention.
<b>Notes to physician</b>	Treat symptomatically.

**5. Fire-fighting measures**

<b>Flammable Properties</b>	Not flammable.
<b>Flash point</b>	Not determined.
<b>Suitable extinguishing media</b>	Dry chemical. Foam. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable Extinguishing Media</b>	High volume water jet.
<b>Hazardous Combustion Products</b>	Carbon oxides. Phosphorus oxides.
<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b>Protective Equipment and Precautions for Firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. Accidental release measures**

<b>Personal precautions</b>	Ensure adequate ventilation. Use personal protective equipment.
<b>Environmental precautions</b>	Prevent product from entering drains. Do not allow material to contaminate ground water system.
<b>Methods for Containment</b>	Prevent further leakage or spillage if safe to do so.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers.

**7. Handling and storage**

<b>Advice on safe handling</b>	Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Use only in well-ventilated areas.
<b>Technical measures/Storage conditions</b>	Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from frost.

**8. Exposure controls/personal protection**

<b>Exposure Guidelines</b>	.
<b>Other Exposure Guidelines</b>	Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992).
<b>Engineering Measures</b>	Ensure adequate ventilation, especially in confined areas.
<b>Personal Protective Equipment</b>	
<b>Hand Protection</b>	Protective gloves

<b>Eye/Face Protection</b>	Wear chemical-resistant glasses and/or goggles and a face shield when eye and face contact is possible due to handling and processing of material.
<b>Skin and body protection</b>	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.
<b>Respiratory protection</b>	If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.
<b>Hygiene measures</b>	When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

**9. Physical and chemical properties**

<b>Physical state</b>	Liquid
<b>Appearance</b>	Colored liquid
<b>Odor</b>	Fresh
<b>Color</b>	Blue

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
<b>pH</b>	11.3	
<b>Boiling point/boiling range</b>		
<b>Flash Point</b>		
<b>Evaporation rate</b>	no data available	
<b>Explosion Limits</b>		
<b>upper</b>		
<b>lower</b>		
<b>Vapor pressure</b>	no data available	
<b>Vapor density</b>	no data available	
<b>Specific Gravity</b>	1.03	
<b>Viscosity, kinematic</b>	no data available	
<b>Water solubility</b>	Soluble in water	
<b>Partition coefficient: n-octanol/water</b>	no data available	
<b>Explosive properties</b>	no data available	

<u><b>Other information</b></u>	
<b>Volatile organic compounds (VOC) content</b>	10.3 g/L
<b>Melting/freezing point</b>	

**10. Stability and reactivity**

<b>Stability/Reactivity</b>	Stable under normal conditions.
<b>Incompatible products</b>	Acids. Oxidizing agents.
<b>Conditions to Avoid</b>	Do not mix with other chemicals.
<b>Hazardous Decomposition Products</b>	Carbon oxides. Phosphorous oxides.
<b>Hazardous Polymerization</b>	Hazardous polymerization does not occur.

**11. Toxicological information**

<u><b>Acute toxicity</b></u>	
<b>Product Information</b>	The product itself has not been tested.

**Component Information** No information available

**Chronic toxicity**

**Chronic toxicity** Repeated or prolonged skin contact may cause skin irritation and/or dermatitis and sensitization of susceptible persons

**Target Organ Effects** None known.

**12. Ecological information**

**Ecotoxicity**

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**Persistence and degradability** No information available.

**Bioaccumulation** .

**Mobility** No information available.

**Other adverse effects** Discharge into the environment must be avoided.

**13. Disposal considerations**

**Waste Disposal Methods** This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

**California Hazardous Waste Codes** 561

**14. Transport information**

**DOT** Not regulated

**MEX** Not regulated

**15. Regulatory information**

**International Inventories**

- TSCA -
- DSL -
- EINECS/ELINCS -
- ENCS -
- IECSC -

**KECL** -  
**PICCS** -  
**AICS** - Complies  
**NZIoC** -

**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 Commercial Chemical Substances/EU 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  
**AICS** - Australian Inventory of Chemical Substances  
**NZIoC** - New Zealand Inventory of Chemicals  
 "-" - Unknown. Not listed.

**U.S. Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** No  
**Chronic Health Hazard** No  
**Fire Hazard** No  
**Sudden Release of Pressure Hazard** No  
**Reactive Hazard** No

**Clean Water Act**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42):

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
trisodium phosphate dodecahydrate				X
Chloromethane		X	X	

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
trisodium phosphate dodecahydrate	5000 lb		RQ 5000 lb final RQ RQ 2270 kg final RQ
Chloromethane	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ
Ethylene oxide	10 lb	10 lb	RQ 10 lb final RQ RQ 4.54 kg final RQ

**U.S. State Regulations**

**California Proposition 65**

This product contains the following Proposition 65 chemicals:

Chemical Name	California Prop. 65
Chloromethane	Developmental Male Reproductive
Ethylene oxide	Carcinogen Developmental Female Reproductive Male Reproductive

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

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Chloromethane	X	X	X	X	
Ethylene oxide	X	X	X	X	

**International Regulations**

**Canada**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

**WHMIS Hazard Class**

Non-controlled

**16. Other information**

<b>NFPA</b>	Health Hazard 2	Flammability 0	Stability/Reactivity 0	Physical and chemical hazards -
<b>HMIS</b>	Health Hazard 2	Flammability 0	Physical Hazard 0	Personal protection -

**Prepared By** No information available

**Revision Date** 29-Oct-2013  
**Revision Note** No information available.

**Disclaimer**

The information provided on this MSDS 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 guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as 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 material or in any process, unless specified in the text.

**End of Material Safety Data Sheet**