

161-009

SAFETY DATA SHEET

Section 1. IDENTIFICATION

Product Identifier

Product Name GASOILA® LEAK - TECH.

Other means of Identification

Product Code LT08, LS16, LT28, LT55.

Recommended Use LEAK DETECTOR.

Recommended Restrictions None Known.

Manufacturer

Company Name Federal Process Corporation
Address 4520 Richmond Road
Cleveland OH 44128
Telephone 1-800-846-7325

Emergency Telephone Number: Call Chemtrec at 1-800-424-9300

Section 2. HAZARDS IDENTIFICATION

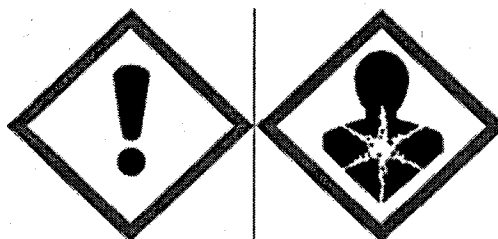
PHYSICAL STATE: Liquid

Classification:

Harmful if swallowed	Category 4
Causes serious eye irritation	Category 2

Signal Word:

Warning



Hazard Statements:

H302 – Harmful if swallowed
H319 – Causes serious eye irritation.
H373 – May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements:

Prevention: P260: Do not breathe dust/fume/gas/mist/vapours/spray.
 P264: Wash hands thoroughly after handling.
 P270: Do not eat, drink or smoke when using this product.

Response: P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313–If eye irritation persists: Get medical advice/attention.
 P301 + P312 – IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Disposal: P501 - Dispose of contents/container to an approved waste disposal plant.

Other Hazards: Toxic to aquatic life with long lasting effects.

Unknown Acute Toxicity: 2% of the mixture consists of ingredient(s) of unknown toxicity.

Section 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Weight %
Ethylene glycol	107-21-1	25-29
Ethoxylated linear alcohol	68439-46-3	12-17

Section 4. FIRST AID MEASURES

First Aid Measures:

Eye Contact Rinse thoroughly with plenty of water, for 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.

Skin Contact If skin irritation occurs, rinse affected area with water. If skin irritation or rash occurs: Get medical advice/attention.

Inhalation Remove to fresh air. If signs/symptoms continue, get medical attention. Give oxygen or artificial respiration as needed.

Ingestion Do NOT induce vomiting. Get medical attention immediately. Rinse mouth with water. Never give anything by mouth to an unconscious individual.

Most Important Symptoms and effects:

Symptoms Direct contact with eyes may cause temporary irritation.
Do NOT ingest.

Section 5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Use foam, dry chemical, carbon dioxide or water fog.

Unsuitable Extinguishing Media: Not determined.

Specific Hazards Arising from the Chemical:
Carbon oxides expected to be the primary hazardous combustion product.

Protective Equipment and Precautions for Firefighters:
As in any fire, wear self-contained breathing apparatus and other protective clothing.
(approved or equivalent) and full protective gear.

Section 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Personal Precautions: Use personal protective equipment as required. Keep unnecessary personnel away.

Methods and Material for Containment and Cleaning Up:

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for Clean-Up: Keep in suitable, closed containers for disposal.

Section 7. HANDLING AND STORAGE

Precautions for Safe Handling:

Advice on Safe Handling: Avoid breathing vapors or mists. Contaminated work-clothing should not be allowed out of
the workplace.

Conditions for Safe Storage, including Any Incompatibilities:

Storage Conditions: Keep containers tightly closed in a dry, cool and well-ventilated place.

KEEP OUT OF REACH OF CHILDREN.

Incompatible Materials: None known based on information supplied.

Section 8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Guidelines:

Chemical Name	ACGIH TWA	ACGIH STEL	OSHA TWA
Ethylene glycol (CAS 107-21-1)	100.00 mg/m ³	N/D	N/D
Ethoxylated linear alcohol (CAS 68439-46-3)	N/D	N/D	N/D

Appropriate Engineering Controls:

Engineering Controls: Apply technical measures to comply with the occupational exposure limits.

Individual Protection Measures, such as Personal Protective Equipment:

Eye/Face Protection: Avoid contact with eyes.

Skin and Body Protection: No protective equipment is needed under normal use conditions.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas. If confined in poorly ventilated areas use NIOSH/MSHA

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash exposed areas thoroughly before eating, drinking, smoking or leaving work area. Launder contaminated clothing before reusing.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State:	Liquid.	Odor:	Mild.
Appearance:	Clear, liquid.	Odor Threshold:	Not available.
Color:	Red.		

<u>Property</u>	<u>Values</u>
pH	7.50
Melting Point/Freezing Point	<-10F.

Boiling Point/Boiling Range Not determined.

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Flash Point NONE.
Evaporation Rate Not determined.
Flammability (Solid, Gas) n/a-liquid
Upper Flammability Limit Not determined.
Lower Flammability Limit Not determined.
Vapor Pressure Not determined.
Vapor Density Not determined.
Specific Gravity 1.015

Water Solubility Soluble.
Solubility in other Solvents Not determined.
Partition Coefficient
(n-octanol/water) Not determined.
Auto-ignition Temperature Not determined.
Decomposition Temperature Not determined.
Kinematic Viscosity Not determined.
Explosive Properties Not determined.
Oxidizing Properties Not determined

Section 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.
Conditions to Avoid: Keep out of reach of children.
Incompatible Materials: None known.
Hazardous Decomposition Products: Oxides of carbon.

Section 11. TOXICOLOGICAL INFORMATION

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Information on Likely Routes of Exposure:

Eye Contact: Causes serious eye irritation.

Skin Contact: May cause an allergic skin reaction.

Inhalation: Avoid breathing vapors or mists.

Ingestion: Do not taste or swallow.

Component Information:

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene glycol (CAS 107-21-1)	>5,000 mg/kg (Rabbit)	N/D	N/D
Ethoxylated linear alcohol (CAS 68439-46-3)	1,400 mg/kg (Rat)	>5,000 mg/kg (Rat)	N/D

Information on physical, chemical and toxicological effects:

Symptoms: Please section 4 of this SDS for symptoms.

Delayed and Immediate Effects as Well as Chronic Effects From Short and Long Term Exposure:

Sensitization: May cause an allergic skin reaction.

Carcinogenicity: Not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylene glycol (CAS 107-21-1)	NOT CLASSIFIED	NOT CLASSIFIED	NOT CLASSIFIED	NOT CLASSIFIED
Ethoxylated linear alcohol (CAS 68439-46-3)	NOT CLASSIFIED	NOT CLASSIFIED	NOT CLASSIFIED	NOT CLASSIFIED

IARC (International Agency for Research on Cancer).

Group3 IARC components are "not classifiable as human carcinogens".

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

Numerical Measures of Toxicity:

Not Determined.

Section 12. ECOLOGICAL INFORMATION

Ecotoxicity:

Toxic to aquatic life with lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Ethylene glycol (CAS 107-21-1)	2,700 mg/L (168h Scenedesmus quadricauda)	>5,000 ppm (24h, Carassius auratus)	1,174 mg/L (72h, Xenopus laevis)	Not Established
Ethoxylated linear alcohol (CAS 68439-46-3)	ErC50 (96h) 1-10 mg/L	LC50(96h) 8.5 mg/L Fathead minnow EC50 (48h) 5.3 mg/L Daphnia magna	No Data	Not Established

Persistence/Degradability: Not determined.Bioaccumulation: Not determined.Mobility: Not determined.Other Adverse Effects: Not determined.

Section 13. DISPOSAL CONSIDERATIONS

Waste Treatment Method:

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.

Section 14. TRANSPORT INFORMATION

DOT: NOT REGULATED.PROPER SHIPPING NAME: NOT REGULATED.DOT HAZARD CLASS: NOT REGULATEDIDENTIFICATION NUMBER: NOT LISTED

IATA: NOT REGULATED.

IMDG: This material may meet the definition of a marine pollutant.

Section 15. REGULATORY INFORMATION

International Inventories: Not determined.

U.S. Federal Regulations: Not determined.

SARA Title 313: Not determined.

U.S. State Regulations:

U.S Right-to-Know Regulations: Not determined.

Section 16. OTHER INFORMATION

NFPA:	Health Hazards 1	Flammability 1	Instability 0	Special Hazards Not determined
HMIS	Health Hazards 1	Flammability 1	Instability 0	Special Hazards 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