

Material Safety Data Sheet

Section 1 Chemical Product and Company Identification

Manufacturer

Federal Process Corporation
4520 Richmond Road
Cleveland OH 44128
1-800-846-7325

Emergency Telephone Number

Call Chemtrec at 1-800-424-9300

Product Identifier: Gasoila® Leak-Tech Gold
Product Description: Detergent Solution
Product Use: Leak Detection Compound

Section 2 Hazards Identification

EMERGENCY OVERVIEW:

PHYSICAL HAZARDS: May become slippery if spilled on floor.

ACUTE HEALTH EFFECTS: May cause severe eye irritation but no lasting damage. Transient irritation may result from extended skin contact. If ingested may cause gastrointestinal discomfort.

CHRONIC HEALTH EFFECTS: No chronic health effects are expected from normal use.

Section 3 Composition/Information on Ingredients

Additional information is provided in the Regulatory section of this document for Sara 313, California Proposition 65, and various state right-to-know laws.

Chemical Name	CAS #	OSHA PEL	ACGIH TLV	% by Volume	% by wt.
Propylene glycol	57-55-6	None	None	24-28%	25-30%
Surfactant (Sodium Laurel Sulfate)	151-21-3	None	None	13-16%	12-17%

Section 4 First Aid Measures

INHALATION: Acute: No significant adverse effects to health would be expected to occur from inhalation with normal use of this product due to its low volatility and vapor pressure. If material is spraying or misting, inhalation may cause irritation of the throat, nose, mucous membranes and upper respiratory tract.

Chronic: There are no known or reported effects from chronic exposure.

INGESTION: If conscious and medical aid is not immediately available, dilute stomach contents by giving large amounts of water or milk and induce vomiting. Transport to medical attention immediately

EYES: Flush eyes immediately with large quantities of water, lifting the lower and upper lids occasionally. If irritation persists consult a physician.

SKIN: Flush the contaminated skin and wash with soap and water. If irritation develops or persists seek medical advice. Contaminated clothing should be washed prior to re-use.

Section 5 Fire Fighting Measures

EXTINGUISHING MEDIA: Water spray and foam (Aqueous Film Forming Foam) , dry chemical, carbon dioxide.

SPECIAL PRECAUTIONS: Heat from fire can generate flammable vapor when mixed with air and exposed to ignition source. Vapors can explode if confined. Vapors may travel long distances along ground before igniting/flashing back to vapor source. Fine spray/mists may be combustible at temperatures below normal flash point. Do not enter fire area without proper protection.

HAZARDOUS COMBUSTION PRODUCTS: may include dense smoke, carbon dioxide and under conditions of restricted air supply carbon monoxide.

FLASH POINT: >211 F

LOWER FLAMMABLE LIMIT: 2.4%

UPPER FLAMMABLE LIMIT: 17.4%

AUTOIGNITION TEMPERATURE: 700 F

Section 6 Accidental Release Measures

Isolate the spill area, and keep unnecessary people away. Absorb spilled material with a suitable inert absorbent material. Collect and dispose of the contaminated absorbent in accordance with local state and federal laws.

Section 7 Handling and Storage

HANDLING: Avoid contact with the skin and eyes. Use good industrial hygiene practices. Provide adequate ventilation. Keep containers closed. No smoking or open flame in storage areas. Wash hands after using product and before eating, drinking, smoking or using toilet facilities.

STORAGE: Store in a dry place away from moisture, excessive heat and sources of ignition. Avoid storage near food to prevent food contamination.

Section 8 Exposure Controls/Personal Protection

VENTILATION REQUIREMENTS: In confined areas local and general ventilation should be provided to maintain airborne concentrations below permissible exposure limits. Ventilation systems must be designed according to approved engineering standards.

PERSONAL PROTECTION:

EYE: The wearing of protective glasses is recommended when handling any chemicals.

GLOVES: If prolonged or repeated skin contact is expected wear gloves as appropriate to prevent skin contact. Butyl and nitrile rubbers are recommended.

RESPIRATORY: Provide adequate ventilation in the workplace.

OTHER: Eating and smoking should be prohibited in areas where product is handled. Nothing replaces good personal hygiene. Coveralls or other full body clothing shall be worn and properly laundered after use. Workers should wash hands, face, neck, and arms before eating, drinking, or smoking.

Section 9 Physical and Chemical Properties

PHYSICAL STATE:	Liquid
ODOR AND APPEARANCE:	Clear liquid with a mild odor
LOWEST BOILING POINT:	100 C
VAPOR PRESSURE:	Not established
VAPOR DENSITY:	Not established
WATER SOLUBILITY:	Soluble in water
% ORGANIC VOLATILES:	18.0% w/w
pH	Not applicable
SPECIFIC GRAVITY	1.0152 as compared to water

Section 10 Stability and Reactivity

STABILITY: This product is stable under recommended conditions of storage and handling.

REACTIVITY: Product may react with strong oxidizers or strong acids

Section 11 Toxicological Information

Exposure limits: The limits reported in Section 2 of this document refer to other physical forms of the ingredients present in this product. Limits for the formulated product have not been determined

HMIS Rating: Health – 1 Flammability – 0 Reactivity - 0

None of the components of this product have been reported as carcinogenic by NTP, OSHA or IARC.

Section 12 Ecological Information

General: Not expected to present any significant ecological problems.

Section 13 Disposal Information

Incineration is the recommended disposal method. Waste materials must be disposed of in accordance with your municipal, state, provincial and federal regulations. Contact the proper authorities for specific instructions.

Section 14 Transportation Information

DOT HAZARD CLASS:	Not Regulated
PROPER SHIPPING NAME:	Not Regulated
IDENTIFICATION NUMBER:	Not Listed

Section 15 Regulatory Information

Listed below are chemical substances subject to supplier notification requirements. The percentages, when present represent average values.

CAS Number	SARA	WHMIS	CA-65
None	313		

CA-65 - Chemical substances identified under the California Proposition 65 column are known to the State of California to cause cancer and/or reproductive toxicity.

TSCA STATUS: All ingredients of this product comply with the requirements of the US EPA Toxic Substances Control Act.

Section 16 Other

Prepared by R. L.

The above information and recommendations are believed accurate and reliable. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. The Federal Process Corporation makes no warranty, either express or implied, including merchantability and fitness.

USER RESPONSIBILITY: Each user should read and understand this information and incorporate it into individual site safety programs in accordance with applicable hazard communication standards and regulations.