

Material Safety Data Sheet

Section 1 Chemical Product and Company Identification

Manufacturer

Federal Process Company
4620 Richmond Road
Cleveland OH 44128

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

Product Identifier: Gasoila White Grease
Product Description: Complex Mixture
Product Use: Lubricating Compound

Section 2 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 Weight
Mineral Spirits (Odorless)	64741-65-7	100 ppm	100 ppm	19-23
Heavy Naphthenic Petroleum Oil	64742-52-5	5mg/m3 as Dust	5mg/m3 as Dust	5-8
Highly Refined Naphthenic Oil	64742-53-6	5mg/m3 as Dust	5mg/m3 as Duct	0-3
Propane	74-98-6	1000 ppm	2500 ppm	5-8

Section 3 Hazards Identification

HMIS HAZARD IDENTIFICATION

Health 2 Flammability 4 Reactivity 0

ROUTES OF EXPOSURE:

 INHALATION of vapor or spray mist.

 EYE or SKIN contact with product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE:

 EYES: Irritation

 SKIN: Prolonged or repeated exposure may cause irritation.

 INHALATION: Irritation of the upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

 Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists.

 Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

 None generally recognized.

CANDER INFORMATION:

 For complete discussion of toxicology data refer to Section 11.

Section 4 First Aid Measures

INHALATION: Remove to fresh air, administer oxygen if available if breathing is labored. If breathing has stopped administer artificial respiration. Get medical attention.

INGESTION: Unlikely to occur. Do not induce vomiting, consult a physician immediately.

EYES: Flush eyes immediately with large quantities of water for 15 minutes, lifting the lower and upper lids occasionally. 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: Alcohol Foam, dry chemical, carbon dioxide.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES: Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

FLASH POINT: < 0 F LEL = 1.0 UEL = 9.5

Section 6 Accidental Release Measures

Remove all sources of ignition. Ventilate the area. 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

STORAGE CATEGORY: Not available

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated – Do not smoke – Extinguish all flames, pilot lights, and heaters – Turn off stoves, electric tools and appliances, and any other sources of ignition.

Consult NFPA Code. Use approved bonding and grounding procedures.

Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of reach of children.

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. Refer to OSHA Standards 1910.94, 1910.107, 1910.108. Ventilation systems must be designed according to approved engineering standards. If more than one third of the can is to be discharged at one time then a NIOSH approved organic vapor/dust respirator should be used.

PERSONAL PROTECTION:

EYE: The wearing of protective glasses is recommended when handling any chemicals. Avoid contact with eyes.

GLOVES: None required for normal application of aerosol products where minimal skin contact is expected. If prolonged or repeated skin contact is expected wear chemical resistant gloves as appropriate to prevent skin contact.

RESPIRATORY: Provide adequate ventilation in the workplace.

OTHER: Eating and smoking should be prohibited in areas where product is handled. Workers should wash hands, face, neck, and arms before eating, drinking, or smoking. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 Physical and Chemical Properties

PHYSICAL STATE:	Aerosol can	
BOILING POINT (RANGE)	< 0 – 412 F	<-18 – 211 C
VAPOR DENSITY (AIR=1):	Heavier than air	
WATER SOLUBILITY:	N.A.	
SPECIFIC GRAVITY (WATER=1)	0.87	
pH	7.0	
PRODUCT WEIGHT	7.25 lb/gal	868 g/l
MELTING POINT	Not Available	
VOLATILE VOLUME	88%	
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)		
Volatile Weight 27.00 % Less Water and Federally Exempt Solvents		

Section 10 Stability and Reactivity

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

CONDITIONS TO AVOID: None known.

INCOMPATIBILITY: None known.

HAZARDOUS DECOMPOSITION PRODUCTS: By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMEREIZATION: Will not occur.

Section 11 Toxicological Information

CHRONIC HEALTH HAZARDS: No ingredient in this product is an IARC, NTP, or OSHA listed carcinogen. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

CAS No.	Ingredient Name	LC50	RAT	4 HR.	Not Available
74-98-6	Propane	LD50	RAT		Not Available
64741-65-7	Mineral Spirits (Odorless)	LD50	RAT	4HR.	Not Available
64742-52-5	Heavy Naphthenic Petroleum Oil	LD50	RAT		Not Available
64742-53-6	Highly Refined Naphthenic Oil	LD50	RAT	4 HR	Not Available
		LD50	RAT		Not Available

Section 12 Ecological Information

ECOTOXICOLOGICAL INFORMATION: No data available.

Section 13 Disposal Information

WASTE DISPOSAL METHOD: Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution..

Section 14 Transportation Information

DOT HAZARD CLASS:	Consumer commodity ORM-D
PROPER SHIPPING NAME:	Consumer commodity ORM-D
IDENTIFICATION NUMBER:	UN 1950

Section 15 Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

CAS No.	CHEMICAL/COMPOUND	% by WT	% Element
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No ingredients in this product are subject to SARA 313 (40 CFR 372.65C)

CALIFORNIA PROPOSITION 65: WARNING: This product contains chemicals known to the State of California to cause cancer.

TSCA INFORMATION: All chemicals in this product are listed, or are exempt from listing, on the TSCA inventory.

Section 16 Other

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

Prepared by J.S.

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 Company 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.