



Safety Data Sheet

CHEMEX F-2222

Food Grade Grease

Conforms to HCS 2012 - United States and Canada WHMIS 2015

Section 1. Identification

Product identifier(s)/ Trademark(s) used on the label:..... Chemex F-2222
Other means of identification: **Product code:** LF-222214
NSF H-1 Registration number: 059320
Identified uses: Not available
Manufacturer: **Manufactured for:**
Chemex Industries
info@chemexindustries.com 714-832-8441

Emergency telephone number (with hours of operation): CHEMTREC, U.S. : 1-800-424-9300
International: +1-703-527-3877 (24/7)

Section 2. Hazards identification

OSHA/HCS status:..... While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.

Classification of the substance or mixture: Not classified.

GHS label elements

Signal word: No signal word.
Hazard statements: No known significant effects or critical hazards.

Precautionary statements

Prevention:..... Not applicable.
Response: Not applicable.
Storage: Not applicable.
Disposal: Not applicable.
Hazards not otherwise classified:..... None known.

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Section 3.

Composition/information on ingredients

Substance/mixture: Chemex F-2222
Other means of identification: **Product code:** LF-222214

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact:..... Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

Skin contact:..... Flush contaminated skin with plenty of water. Get medical attention if symptoms occur.

Ingestion: Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed potential acute health effects

Eye contact:..... No known significant effects or critical hazards.
Inhalation: No known significant effects or critical hazards.
Skin contact:..... No known significant effects or critical hazards.
Ingestion: No known significant effects or critical hazards.

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Over-exposure signs/symptoms

Eye contact:.....	No known significant effects or critical hazards.
Inhalation:	No known significant effects or critical hazards.
Skin contact:.....	No known significant effects or critical hazards.
Ingestion:	No known significant effects or critical hazards.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician:..... Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments:..... No specific treatment.

Protection of first-aiders:..... No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media:..... Carbon dioxide, dry chemical, foam and water fog or spray.

Unsuitable extinguishing media:

None known.

Specific hazards arising from the chemical:..... No specific fire or explosion hazard.

Hazardous thermal decomposition products:..... Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
halogenated compounds
metal oxide/oxides

Special protective actions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters:..... Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

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Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:..... No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders:..... If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions:..... Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up

Small spill:..... Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Large spill: Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures:..... Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene:..... Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities: Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

United States

Occupational exposure limits: None.

Canada

Occupational exposure limits: None.

Appropriate engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls:..... Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Individual protection measures

Hygiene measures:..... Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

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Skin protection

Hand protection:.....	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
Body protection:.....	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Other skin protection:	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection:	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state:	Solid. [Semi-solid.]
Color:.....	White.
Odor:	Mild petroleum.
Odor threshold:.....	Not available.
pH:.....	Not available.
Melting point:.....	Not available.
Boiling point:.....	Not available.
Flash point:	Open cup: 204.44°C (400°F) [Cleveland.]
Evaporation rate:.....	Not available.
Flammability (solid, gas):	Flammable in the presence of the following materials or conditions: open flames, sparks and static discharge.

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Lower and upper explosive (flammable) limits:.....	Not available.
Vapor pressure:	Not available.
Vapor density:.....	Not available.
Relative density:.....	0.92 g/ml
Solubility:	Insoluble in the following materials: cold water and hot water.
Partition coefficient: n-octanol/water:.....	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:.....	Not available.
Flow time (ISO 2431):.....	Not available.

Section 10. Stability and reactivity

Reactivity:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability:	The product is stable.
Possibility of hazardous reactions:.....	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid:	Welding.
Incompatible materials:.....	Reactive or incompatible with the following materials: oxidizing materials.
Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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Section 11. Toxicological information**Information on toxicological effects**

Acute toxicity:..... There is no data available.

Irritation/Corrosion:..... There is no data available.

Sensitization: There is no data available.

Mutagenicity: There is no data available.

Carcinogenicity: There is no data available.

Reproductive toxicity: There is no data available.

Teratogenicity: There is no data available.

Specific target organ toxicity (single exposure): There is no data available.

Specific target organ toxicity (repeated exposure): There is no data available.

Aspiration hazard: There is no data available.

Information on the likely routes of exposure: Ingestion.

Potential acute health effects

Eye contact:..... No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Skin contact:..... No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact:..... No known significant effects or critical hazards.

Inhalation: No known significant effects or critical hazards.

Skin contact:..... No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

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Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects: No known significant effects or critical hazards.

Potential delayed effects: No known significant effects or critical hazards.

Long term exposure

Potential immediate effects: No known significant effects or critical hazards.

Potential delayed effects: No known significant effects or critical hazards.

Potential chronic health effects

General: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Teratogenicity: No known significant effects or critical hazards.

Developmental effects: No known significant effects or critical hazards.

Fertility effects: No known significant effects or critical hazards.

Numerical measures of toxicity Acute toxicity estimates

Route

Oral: ATE value
47706.1 mg/kg

Section 12. Ecological information

Toxicity: There is no data available.

Persistence and degradability: There is no data available.

Bioaccumulative potential: There is no data available.

Mobility in soil

Soil/water partition coefficient (KOC): Not available.

Other adverse effects: No known significant effects or critical hazards.

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Section 13. Disposal considerations

Disposal methods: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

	DOT Classification	TDG Classification	IMDG	IATA
UN number	Not regulated.	Not regulated.	Not regulated.	Not regulated.
UN proper shipping name	-	-	-	-
Transport hazard class(es)	-	-	-	-
Packing group	-	-	-	-
Environmental hazards	No.	No.	No.	No.

AERG: Not applicable.

Special precautions for user:..... **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory information

U.S. Federal regulations:..... TSCA 6 proposed risk management: Lead
TSCA 8(a) CDR Exempt/Partial exemption:
Not determined
United States inventory (TSCA 8b):
All components are listed or exempted.
TSCA 12(b) one-time export:
None of the components are listed.
TSCA 12(b) annual export notification:
None of the components are listed.
Clean Water Act (CWA) 307: Zinc oxide; Cadmium
(Non-pyrophoric); Lead

Clean Air Act Section 112 (b) Hazardous Air Pollutants
(HAPs):..... Listed

Clean Air Act Section 602 Class I Substances:..... Not listed

Clean Air Act Section 602 Class II Substances:..... Not listed

DEA List I Chemicals (Precursor Chemicals): Not listed

DEA List II Chemicals (Essential Chemicals): Not listed

SARA 302/304

Composition/information on ingredients:..... No products were found.

SARA 304 RQ:..... Not applicable.

SARA 311/312

Classification: Not applicable.

Composition/information on ingredients:..... No products were found.

SARA 313

	Product name	CAS number
Form R - Reporting requirements	Lead	7439-92-1

SARA 313 notifications must not be detached from the SDS and any copying and redistribution of the SDS shall include copying and redistribution of the notice attached to copies of the SDS subsequently redistributed.

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State regulations

Massachusetts:.....	None of the components are listed.
New York:.....	None of the components are listed.
New Jersey:	None of the components are listed.
Pennsylvania:.....	The following components are listed: White mineral oil (petroleum)

California Prop. 65

WARNING: This product can expose you to chemicals including Cadmium (Non-pyrophoric), Lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. This product can expose you to Titanium dioxide, which is known to the State of California to cause cancer. For more information go to [www. P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Canadian lists

Canadian NPRI:	The following components are listed: White mineral oil (petroleum)
CEPA Toxic substances:.....	None of the components are listed.
Canada inventory (DSL NDSL):	All components are listed or exempted.

Inventory list

National inventory

Australia:.....	All components are listed or exempted.
Canada:.....	All components are listed or exempted.
China:.....	All components are listed or exempted.
New Zealand:.....	All components are listed or exempted.
Philippines:	All components are listed or exempted.
Republic of Korea:.....	All components are listed or exempted.
Taiwan:	All components are listed or exempted.

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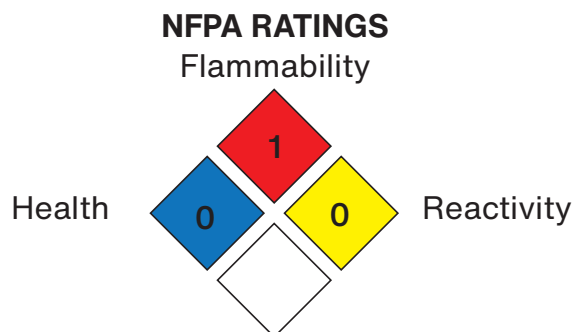
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Section 16. Other information**Hazardous Material Information System (U.S.A.)**

Health:..... 0
Flammability: 1
Physical hazards:..... 0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

National Fire Protection Association (U.S.A.)

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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

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Procedure used to derive the classification

Classification: Not classified.

Justification:

History

Date of issue mm/dd/yyyy:..... 03/26/2021

Date of previous issue:..... 06/15/2018

Version: 3

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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