


SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

- 1.1 Product identifier:** Cryovac® FG Grease
Cryovac® FG Grease-LT
Cryovac® FG Grease-00
- Part number:** COFGGREASE, COFGGREASE-LT, COFGGREASE-00
- 1.2 Identified uses:** Lubricant where there may be incidental food contact
- Uses advised against:** Not intended for direct food contact. Other uses advised against may be specified elsewhere in this SDS.
- 1.3 Supplier:** **Sealed Air Corporation**
100 Rogers Bridge Road, Building B
P.O. Box 464
Duncan, SC 29334-0464 USA
- Email contact:** Not available
- Non-emergency contact:** Phone: 864-433-3839 Fax: 864-433-3889
- 1.4 Emergency telephone:** **INFOTRAC:**
North America 1-800-535-5053 Australia 1-300-366-961 Germany 0800-181-2926
International 011-1-352-323-3500 (collect) China 400-120-0761

SECTION 2. HAZARDS IDENTIFICATION

- 2.1 GHS Classification:**
- Hazard class(es):** Eye irrit. 2; Aquatic Chronic 3
- 2.2 Label elements**
- Pictograms:** 
- Signal word:** Warning
- Hazard-determining components of labeling** Not applicable
- Hazard statements:** Causes serious eye irritation. Harmful to aquatic life with long lasting effects.
- Precautionary statements:** Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Avoid release to the environment. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Dispose of contents/container in accordance with local/regional/national/international regulations.
- Additional information** Not applicable
- 2.3 Other hazards**

Results of PBT and vPvB assessment

- PBT:** Not applicable
- vPvB:** Not applicable

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Components	%	CAS #	X Impurities	GHS Classification
Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts	<5	68584-23-6	None	Eye Irrit. 2
Calcium dodecylbenzene sulphonate	<2.5	26264-06-2	None	Eye Dam. 1; Skin Irrit. 2
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	<2.5	68411-46-1	None	Aquatic Chronic 3
Sulfonic acids, petroleum, calcium salts	<2.5	61789-86-4	None	Eye Irrit. 2
Zinc oxide	<2.5	1314-13-2	None	Aquatic Acute 1; Aquatic Chronic 1
3.2 Additional information	Not applicable			

SECTION 4. FIRST AID MEASURES

- 4.1 First aid measures**
- Eye contact:** Remove contact lenses, if wearing, and flush eyes with water for at least 15 minutes or until irritation subsides. If irritation persists, consult a physician.

- Skin contact:** Remove clothing and shoes, if contaminated. Wash skin with soap and water. Wash or clean contaminated clothing before reuse and discard oil-soaked shoes. If irritation persists, consult a physician.
- Ingestion:** If swallowed, DO NOT induce vomiting. As a precaution, give the person a glass of water to drink and seek medical attention. Never give anything by mouth to an unconscious person. Consult a physician.
- Inhalation:** Supply fresh air. If breathing is difficult, give oxygen. Consult doctor if symptoms persist.

4.2 Most important symptoms and effects, both acute and delayed.

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment available.

No further relevant information available.

SECTION 5. FIREFIGHTING MEASURES

- 5.1 Suitable extinguishing media:** Extinguishing media include dry chemical, alcohol foam, and carbon dioxide. Do not use direct stream of water. Water may be used to keep fire-exposed containers cool.
- Unsuitable extinguishing media:** Do not use direct stream of water.
- 5.2 Special hazards:** Pressure build-up due to heat exposure may cause containers to rupture. Use water spray to keep containers cool.
- 5.3 Advice for firefighters:** Firefighters should wear full protective gear, including helmet. Use supplied-air breathing equipment for enclosed or confined spaces or as otherwise needed.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations. Keep away from ignition sources. Wear protective equipment. Keep unprotected persons away.
- 6.2 Environmental precautions:** Prevent entry into sewers, waterways or confined areas by diking or impounding. Dike far ahead of spill for later recovery and disposal. Advise authorities if the product has entered or may enter sewers, watercourses, or extensive land areas.
- 6.3 Containment and clean-up:**
Land spill: Stop leak if you can do so without risk. Recover free product using non-sparking tools. Add sand, earth, or other suitable absorbent material to the spill area. Recover by pumping or with suitable absorbents. Dispose of in accordance with national and/or local regulations relating to waste disposal.
Water spill: Stop leak if you can do so without risk. Confine the spill immediately with booms. Remove from the surface by skimming or with suitable absorbents. Seek the advice of a specialist before using dispersants.
- 6.4 Reference to other sections:** See Section 7 for information on safe handling. See Section 8 for information on personal protective equipment.

SECTION 7. HANDLING AND STORAGE

- 7.1 Handling:** Keep away from heat and direct sunlight. Ensure good ventilation/exhaustion at the workplace.
See Section 8.2 for information on occupational hygiene.
- 7.2 Storage:** Store in a cool, dry place in tightly sealed containers. Store in out of direct sunlight. Do not store near heat, sparks, open flame, pilot lights, static electricity, or other sources of ignition. Do not store where temperature may exceed 49°C (120°F).
Store away from oxidizing agents. Rotate stock.
See Section 10 for information on conditions and materials to avoid.
- 7.3 End Uses:** Refer to Section 1 for identified uses, and uses advised against.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- | 8.1 Workplace exposure limits: | <u>Components</u> | <u>Exposure limit and source</u> |
|---------------------------------------|---|---|
| | Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts | Not available |
| | Calcium dodecylbenzene sulphonate | Not available |
| | Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | Not available |
| | Sulfonic acids, petroleum, calcium salts | Not available |
| | Zinc oxide | Not available |
- 8.2 Exposure controls**
Engineering controls:

respective occupational exposure limits.

Ventilation: Use in a well-ventilated area. See Engineering Controls.

Personal hygiene: Wash skin thoroughly after contact, before breaks and meals and at the end of work period. Product is readily removed from skin by waterless hand cleaners followed by washing thoroughly with soap and water.

Eye protection: Chemical splash goggles or face shield in compliance with OSHA regulations are advised when eye contact may occur.

Hand protection (gloves) Any lined non-permeable rubber gloves.

Respiratory protection: Use with adequate ventilation. Respiratory protective equipment is not normally required where there is adequate natural or local exhaust ventilation to control exposure. In case of insufficient ventilation, wear suitable respiratory equipment. A NIOSH/MSHA-approved air-supplied respirator is advised in absence of proper environmental control.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical and chemical properties

Appearance / odor:	Cream-colored semi-solid with mild petroleum odor	Vapor pressure:	0.00 mm Hg @ 20°C
Physical state:	Semi-solid	Vapor density:	Not available
Odor threshold:	Not available	Relative density:	0.95 - 1.05 g/cm ³ @ 20°C
pH:	Not available	Solubility in water:	Negligible
Melting / freezing point:	Not available	Partition coefficient (n-octanol/water):	Not available
Boiling point / range:	Not available	Autoignition temperature:	Not available
Flash point:	350°F (177°C), ASTM D 92	Decomposition temperature:	Not available
Evaporation rate:	Not available	Viscosity:	Not applicable
Upper flammability limit:	Not available	Explosive properties:	Not applicable
Lower flammability limit:	Not available	Oxidizing properties:	Not an oxidizer
Percent Volatile:	Nil		

9.2 Other information No further relevant information available.

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity:	See sub-sections below.
10.2 Chemical stability:	This material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	Hazardous reactions are not expected to occur.
10.4 Conditions and materials to avoid:	Keep away from heat and direct sunlight. Avoid strong oxidizers, strong alkalis and strong acids.
10.5 Hazardous decomposition products:	Carbon monoxide, carbon dioxide, oxides of nitrogen, smoke and irritating vapors as products of incomplete combustion.

11.1 Information on toxicological effects

Acute toxicity / LD ₅₀ and LC ₅₀ of ingredients:	Components	LD ₅₀	LC ₅₀
	Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts	Not available	Not available
	Calcium dodecylbenzene sulphonate	Not available	Not available
	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	Not available	Not available
	Sulfonic acids, petroleum, calcium salts	Not available	Not available
	Zinc oxide	>5000 mg/kg (oral, rat)	Not available

Routes of exposure: Eyes, skin, ingestion and inhalation

Other information: Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity:	<u>Components</u>	<u>LC₅₀</u>
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Benzenesulfonic acid, C10-16-alkyl derivatives, calcium salts	Not available
Calcium dodecylbenzene sulphonate	Not available
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	Not available
Sulfonic acids, petroleum, calcium salts	Not available
Zinc oxide	Not available

12.2 Persistence and degradability: Not available

12.3 Bioaccumulative potential: Not available

12.4 Mobility in soil: Not available

12.5 Persistence, bioaccumulation and toxicity for substance(s): This product is not, or does not contain, a substance that is a PBT or a vPvB.

12.6 Other adverse effects: No adverse effects are expected.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods: Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal. Consult national or regional authorities for proper disposal and reporting procedures.

SECTION 14. TRANSPORTATION INFORMATION

Dangerous goods descriptions may not reflect package size, quantity, end-use or region-specific exceptions that can be applied to shipments. Consult shipping documents for material-specific descriptions.

	<u>Proper Shipping Name:</u>	<u>UN Number:</u>	<u>Hazard Class:</u>	<u>Packing Group:</u>	<u>Remarks:</u>
U.S. D.O.T.	Not regulated	None	None	None	None
ADR/RID	Not regulated	None	None	None	None
IMDG	Not regulated	None	None	None	None
IATA	Not regulated	None	None	None	None

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture

U.S. Federal Regulations:

SARA Section 302 Extremely Hazardous Substances: This product contains greater than 1.0% of the following chemical(s) on the SARA Extremely Hazardous Substances List: None

SARA Section 304 CERCLA Hazardous Substances: Release of the following chemical(s) at quantities equal to or greater than the reportable quantities (RQ), is subject to reporting to the National Response Center under CERCLA: None

SARA Section 313 Toxic Chemicals: This product contains the following chemical(s) listed in Section 313 at or above the de minimis concentrations: Zinc oxide, CAS # 1314-13-2, present at ≤2.5% (Category: Zinc compounds)
TSCA Inventory: All components of this material are on the U.S. TSCA Inventory.

California Prop. 65: This product does not contain chemical(s) known to the State of California to cause birth defects or other reproductive harm.

International Regulations:

European Union: This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006. A Chemical Safety Assessment has not been carried out.

Canada: All components are in compliance with the Canadian Environmental Protection Act. This product has been classified in accordance with the hazard criteria of the CPR and this MSDS contains all the information required by CPR.

Japan MITI: Not available

Australia: Not available

Switzerland: Not available

SECTION 16. OTHER INFORMATION

**Full Text of
Component CLP/GHS
Hazard Statements:** Not applicable

HMIS[®] Ratings: Health: 1 Fire: 1 Physical Hazard: 0
HMIS[®] Ratings: 0 = Minimal Hazard; 1 = Slight Hazard; 2 = Moderate Hazard; 3 = Serious Hazard; 4 = Severe Hazard

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*** END OF MSDS ***