



CEN-PE-CO 5th Wheel Grease (Squeeze Tubes)

Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY INFORMATION

Manufacturer Central Petroleum Company, 201 East Lincoln St., Walcott, IA 52773-0116
Telephone 563-284-6221 (M-F: 8:00-3:00 CT) **Fax** 563-284-5124
Product Name(s) Cen-Pe-Co 5th Wheel Grease Squeeze Tubes
Common Name Lubricating Grease **CAS Number** Mixture
Recommended Use Lubricating Grease
Restrictions on Use Industrial use only.
Emergency Contact / Number CHEMTREC 1-800-424-9300

SECTION 2: HAZARD IDENTIFICATION

Hazards

Skin Irritation
Eye Irritation

Category 2 – Skin corrosion/Irritation
Category 2A – Serious eye damage/Eye irritation



Signal Word

WARNING

Precautionary Statements

Wear protective gloves/protective clothing/eye protection/face protection. Wash hands thoroughly after handling.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so - continue rinsing. If eye irritation persists get medical advice/attention.

IF ON SKIN: Wash with plenty of water, take off contaminated clothing and wash it before reuse.

If skin irritation occurs, get medical advice/attention.

OTHER HAZARDS WHICH DO NOT RESULT IN GHS CLASSIFICATION: None.

UNKNOWN TOXICITY HEALTH:

ACUTE TOXICITY, INHALATION, DUST, OR MIST 13.3%
ACUTE TOXICITY, INHALATION, VAPOR: 100%
ACUTE TOXICITY, DERMAL: 11.99 %
ACUTE TOXICITY, ORAL: 11.93 %

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENT(S)

CHEMICAL NAME	CAS NO.	CONCENTRATION
Mineral oil	Confidential	40 – 70 %
Graphite	7782-42-5	15 – 40 %
Calcium stearate	1592-23-0	10 – 30 %
Glycerin	56-81-5	1 – 5 %

Specific chemical identities and/or exact percentages have been withheld as trade secrets.

SECTION 4: FIRST AID MEASURES**Ingestion:**

Call a Poison Center or doctor if you feel unwell. Rinse mouth.

Inhalation:

Move to fresh air. Call a Poison Center or doctor if you feel unwell.

Skin Contact:

Remove contaminated/saturated clothing and shoes. Wash contact areas with soap and water. If skin irritation occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Eye Contact:

Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention.

Information for Doctor:

Most important symptoms/effects both acute and delayed – No data available

Indication of immediate medical attention and special treatment needed – get medical attention as appropriate or if symptoms persist.

SECTION 5: FIREFIGHTING MEASURES

Special fire-fighting procedures: No data available.

Special protective equipment for fire-fighters: Firefighters must use standard protective equipment appropriate for industrial fires.

SECTION 6: ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment, and emergency procedures**

Methods and materials for containment and cleaning up: See Section 8 of the SDS for Personal Protective Equipment. Do not handle damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away. Ensure adequate ventilation. Absorb spill with an inert material, then place in a container for safe and proper disposal. Dike far ahead of larger spill for later recovery and disposal.

Environmental precautions: Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so and protect against releases into the environment. Remediate as appropriate.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling: Observe good industrial hygiene practices. Wear appropriate personal protective equipment. Do not expose to intense heat as product may expand and pressurize container. Wash hands thoroughly after handling. Avoid contact with skin.

Conditions for safe storage, including any incompatibilities: Store in original tightly closed container. Avoid contact with oxidizing agents. Store away from incompatible materials.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION**Exposure limits**

CHEMICAL NAME	TYPE	EXPOSURE LIMIT VALUES	SOURCE
Mineral oil – Mist	PEL	5 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)
	STEL	10 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)
Graphite – Respirable fraction.	TWA	2 mg/m ³	US. ACGIH Threshold Limit Values (03 2012)
Graphite – Total dust.	PEL	15 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Graphite – Respirable fraction	PEL	5 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Calcium stearate	TWA	10 mg/m ³	US. ACGIH Threshold Limit Values (03 2012)
Glycerin – Total Dust.	PEL	15 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)
Glycerin – Respirable fraction.	PEL	5 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)

Protective measures:	Provide easy access to water supply and eye wash facilities. Good general ventilation should be provided. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.
Respiratory protection:	In case of inadequate ventilation use suitable respirator. Seek advice from supervisor on the company's respiratory protection standards.
Eye protection:	Wear safety glasses with side shields (or goggles).
Skin and body protection:	Wear chemical-resistant gloves, footwear, and protective clothing appropriate for the risk of exposure. Contact health and safety professional or manufacturer for specific information.
Hygiene measures:	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Contaminated work clothing should not be allowed out of the workplace. Discard contaminated footwear that cannot be cleaned. Avoid contact with skin, eyes, and clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Physical state:	Solid
Form:	Grease
Color:	Black
Odor:	Mild petroleum
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash point:	160 °C (320 °F)
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)**Upper/lower limit on flammability or explosive limits**

Flammability limit – upper (%):	No data available.
Flammability limit – lower (%):	No data available.
Explosive limit – upper (%):	No data available.
Explosive limit – lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density:	No data available.
Relative density:	0.99
Solubility (ies)	
Solubility in water:	Insoluble.
Solubility (other):	No data available.
Partition coefficient: n-octanol/water:	No data available.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
Viscosity:	> 22 mm ² /s (40 °C, estimated)

SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Not reactive during normal use.
Chemical stability:	Material is stable under normal conditions.
Possibility of hazardous reactions:	None under normal conditions.
Conditions to avoid:	Avoid heat or contamination.
Incompatible materials:	No data available.
Hazardous decomposition products:	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.

SECTION 11: TOXICOLOGICAL INFORMATION**Information on the likely routes of exposure**

Ingestion:	May be harmful if swallowed.
Inhalation:	May cause irritation to the respiratory system.
Skin contact:	Causes skin irritation.
Eye contact:	Causes serious eye irritation.

Symptoms related to the physical, chemical, and toxicological characteristics

Ingestion:	No data available.
Inhalation:	No data available.
Skin contact:	No data available.
Eye contact:	No data available.

Information on toxicological effects**Acute toxicity (list all possible routes of exposure):**

Oral:	ATEmix (): 2000 – 5000 mg/kg
Dermal:	ATEmix (): 2000 – 5000 mg/kg
Inhalation:	ATEmix (, 4 h): > 5 mg/l Dusts, mists, and fumes
Repeated dose toxicity:	No data available
Skin corrosion/irritation:	No data available
Serious eye damage/eye irritation:	No data available
Respiratory or skin sensitization:	No data available

SECTION 11: TOXICOLOGICAL INFORMATION (Continued)

Carcinogenicity:	No data available
IARC monographs on the evaluation of carcinogenic risks to humans:	No carcinogenic components identified
U.S. National Toxicology Program (NTP) report on carcinogens:	No carcinogenic components identified
U.S. OSHA specifically regulated substances (29 cfr 1910.1001- 1050):	No carcinogenic components identified
Germ cell mutagenicity:	
In vitro:	No data available
In vivo:	No data available
Reproductive toxicity:	No data available
Specific target organ toxicity – single exposure:	No data available
Specific target organ toxicity – repeated exposure:	No data available
Aspiration hazard:	May be fatal if swallowed and enters airways
Other effects:	Components may cause a risk to the lungs

SECTION 12: ECOLOGICAL INFORMATION

General information: This product has not been evaluated for ecological toxicity or other environmental effects.

SECTION 13: DISPOSAL CONSIDERATION

Disposal instructions: Discharge, treatment, or disposal may be subject to national, state, or local laws. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. It is the responsibility of the product user or owner to determine at the time of disposal, which waste regulations must be applied.

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

This material is not subject to transport regulations.

SECTION 15: REGULATORY INFORMATION**U.S. Federal Regulations**

U.S. OSHA specifically regulated substances (29 cfr 1910.1001-1050): None present or none present in regulated quantities.

SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA)

HAZARD CATEGORIES: Acute (Immediate)

SARA 313 (TRI REPORTING): None present or none present in regulated quantities.

US STATE REGULATIONS

US. CALIFORNIA PROP. 65: No component is regulated by CA Prop 65.

SECTION 16: OTHER INFORMATION

This information has been compiled from sources considered to be dependable and is accurate to the best of our knowledge; however, Central Petroleum Company makes no warranty whatsoever, expressed or implied, of merchantability or fitness for particular purpose regarding the accuracy of such data or the results to be obtained from thereof. Central Petroleum Company assumes no responsibility for injury to recipient or third persons or for any damage to any property and recipient assumes all such risks.