

Talega Products Inc.
Material Safety Data Sheet

MATERIAL NAME: Super K05 Chuck Grease® Part # 11139101
EMERGENCY TELEPHONE NO: 212.705.8768

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

MANUFACTURER'S NAME: Talega Products Inc.
ADDRESS: PO Box 73727
San Clemente, CA 92673

Revision date: 2013/07/01

GENERAL DESCRIPTION: Organic grease
PHYSICAL FORM: Grease
COLOR: Charcoal gray
ODOR: Slight odor

NFPA Profile: Health 2 Flammability 1 Instability/Reactivity 0

Note: NFPA = National Fire Protection Association

2. OSHA HAZARDOUS COMPONENTS

<u>CAS Number</u>	<u>Wt%</u>	<u>Component Name</u>
68649-42-3	1.0 – 5.0	Zinc dialkyldithiophosphate
64742-52-5	<1.0	Hydrotreated heavy naphthenic petroleum distillate

The above components are hazardous as defined in 29 CFR 1910.1200.

3. EFFECTS OF OVEREXPOSURE

Acute Effects

Eye: Direct contact may cause mild irritation

Skin: May cause mild irritation

Inhalation: Irritates respiratory passages very slightly.

Oral: Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects

Skin: No known applicable information.

Inhalation: No known applicable information.

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Oral: Repeated ingestion or swallowing large amounts may injure internally.

Other Health Effects

This product contains a chemical(s) that has the following effect(s):

Carcinogenicity

See Section 11 for specific details.

Signs and Symptoms of Overexposure

No known applicable information.

Medical Conditions Aggravated by Exposure

No known applicable information.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to section 11 for the detailed toxicology information.

4. FIRST AID MEASURES

Eye: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 – 20 minutes while holding the eyelid(s) open. If contact lens is present, DO NOT delay irrigation or attempt to remove the lens. Take care not to rinse contaminated water into the unaffected eye or onto the face. Immediately obtain medical attention.

Skin: No health effects expected. If irritation does occur flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

Inhalation: If symptoms are experience remove source of contamination or move victim to fresh air. If irritation persists, obtain medical advice.

Oral: Get medical attention

Comments: Treat according to person's condition and specifics of exposure.

5. FIRE FIGHTING MEASURES

Flash Point: Not applicable.

Autoignition Temperature Not determined

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Flammability limits in air: Not determined

Extinguishing Media: On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

Fire Fighting Measures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Unusual Fire Hazards: None.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Metal oxides, Carbon oxides and traces of incompletely burned carbon compounds. Sulfur oxides. Nitrogen oxides. Phosphorous oxides. Formaldehyde.

6. ACCIDENTAL RELEASE MEASURES

Containment / Clean up: Observe all personal protection equipment recommendations described in Section 5 and 8. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since some silicone materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to release and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

Note: See section 8 for Personal Protective Equipment for Spills. Call Talega Products Inc. (949) 888-3971, if additional information is required.

7. HANDLING AND STORAGE

Use with adequate ventilation. Avoid eye contact. Do not take internally.

Use reasonable care and store away from oxidizing materials. This material in its finely divided form presents an explosion hazard. Follow NFPA 654 (for chemical dusts) or 484 (for metal dusts) as appropriate for managing dust hazards to minimize secondary explosion potential.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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Component Exposure Limits

CAS Number
64742-52-5

Component Name
Hydrotreated heavy naphthenic petroleum distillate

Exposure Limits
Observe petroleum distillates limits. OSHA PEL (final rule): TWA 400 ppm

Engineering Controls

Local Ventilation: None should be needed.
General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling

Eyes: Use chemical worker's goggles.
Skin: Washing at mealtime and end of shift is adequate.
Suitable Gloves: Avoid skin contact by implementing good industrial hygiene practices and procedures. Select and use gloves and/or protective clothing to further minimize the potential for skin contact. Consult with your glove and/or personnel protective equipment manufacturer for selection of appropriate compatible materials.
Inhalation: No respiratory protection should be needed.
Suitable Respirator: None should be needed.

Personal Protective Equipment for Spills

Eyes: Use chemical worker's goggles.
Skin: Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.
Inhalation/Suitable: No respiratory protection should be needed.
Respirator
Precautionary Measures: Avoid eye contact. Do not take internally. Use reasonable care.

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Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Grease
Color: Charcoal gray
Odor: Slight odor
Specific Gravity @ 25°C: 0.87
Viscosity: Not determined.
Freezing/Melting Point: Not determined.
Boiling Point: Not determined
Vapor Pressure @ 25°C: Not determined.
Vapor Density: Not determined
Solubility in Water: 0 g/l
pH: Not determined
Volatile Content: 0.00%
Flash Point: Not applicable
Autoignition Temperature: Not determined.
Flammability Limits in Air: Not determined.

Note: The above information is not intended for use in preparing product specifications. Contact Talega Products Inc., before writing specifications.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable.
Hazardous Polymerization: Hazardous polymerization will not occur.
Conditions to avoid: None.
Materials to avoid: Oxidizing material can cause a reaction.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Metal oxides. Phosphorous oxides. Sulfur oxides. Nitrogen oxides. Formaldehyde.

11. TOXICOLOGICAL INFORMATION

Special Hazard Information on Components

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64742-52-5

Wt %

<1.0

Component Name

Hydrotreated heavy naphthenic petroleum distillate

IARS Group 1 – Carcinogenic to Humans.

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

Ecotoxicity Classification Criteria

Hazard Parameters (LC50 or EC50)	High	Medium	Low
Acute Aquatic Toxicity (mg/L)	<= 1	>1 and <=100	>100
Acute Terrestrial Toxicity	<=100	>100 and <=2000	>2000

This table is adapted from “Environmental Toxicology and Risk Assessment”, ASTM STP 1179, p. 34, 1993

This table can be used to classify the ecotoxicity of this product when exotoxicity data is listed above. Please read the other information presented in the section concerning the overall ecological safety of this material.

13. DISPOSAL CONSIDERATIONS

RCRA Hazard Class (40 CFR 261)

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No

State or local laws may impose additional regulatory requirements regarding disposal.

14. TRANSPORT INFORMATION

DOT Road Shipment Information (IMDG)

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Not subject to IMDG code.

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations.

15. REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: All chemical substances in this material are included on or exempt from listing on the TSCA Inventory of Chemical Substances.

EPA SARA Title III Chemical Listings

Section 302 Extremely Hazardous Substances:

None.

Section 304 CERCLA Hazardous Substances (40 CFR 302):

CAS Number

1338-24-5

Wt%

0.3

Component Name

Naphthenic acids

Section 311/312 Hazard Class (40 CFR 370):

Acute: No
Chronic: No
Fire: No
Pressure: No
Reactive: No

Section 313 Toxic Chemicals (40 CFR 372):

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<u>CAS Number</u>	<u>Wt%</u>	<u>Component Name</u>
68649-42-3	1.0	Zinc dialkyldithiophosphate

Supplemental State Compliance Information

California

Warning: This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

None Known

Massachusetts

<u>CAS Number</u>	<u>Wt%</u>	<u>Component Name</u>
68649-42-3	1.0 – 5.0	Zinc dialkyldithiophosphate
1317-33-5	1.0 – 5.0	Molybdenum disulfide

New Jersey

<u>CAS Number</u>	<u>Wt%</u>	<u>Component Name</u>
68037-01-4	>60.0	Hydrogenated decene homopolymer
68815-49-6	10.0 – 30.0	Hydroxystearate sebacate lithium complexes
9003-29-6	10.0 – 30.0	Polybutene
25087-34-7	3.0 – 7.0	1-Butene, polymer with ethylene
1317-33-5	1.0 – 5.0	Molybdenum disulfide
68649-42-3	1.0 – 5.0	Zinc dialkyldithiophosphate
64742-52-5	<1.0	Hydrotreated heavy naphthenic petroleum distillate

Pennsylvania

<u>CAS Number</u>	<u>Wt%</u>	<u>Component Name</u>
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68037-01-4	>60.0	Hydrogenated decene homopolymer
68815-49-6	10.0 – 30.0	Hydroxystearate sebacate lithium complexes
9003-29-6	10.0 – 30.0	Polybutene
25087-34-7	3.0 – 7.0	1-Butene, polymer with ethylene
1317-33-5	1.0 – 5.0	Molybdenum disulfide
68649-42-3	1.0 – 5.0	Zinc dialkyldithiophosphate

16. OTHER INFORMATION

Prepared by: Talega Products Inc..

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.