

Assembly Grease

Version: 1.1

Released: 2021-02-15

Revision Date: 2021-02-15

1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

Supplier: Maxima Racing Oils
9266 Abraham Way
Santee, CA 92071
USA
+1 619 449 5000

Product Name: Assembly Grease

Article Number: 69-02916, 69-02505, 69-02055

Applications: Grease

Emergency Telephone: CHEMTREC +1 703 527 3887 (24 hours)

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Irritant Category 2
Eye Damage Category 1
Skin Sensitization Category 1B

GHS Pictogram



Signal Word

Danger!

Hazard Statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.

Precautionary Statements

Prevention P264 Wash skin thoroughly after handling.
P280 Wear protective gloves eye protection and face protection.

Response P302 + P352 IF ON SKIN: Wash with soap and water.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor.
P332+P313 If skin irritation occurs: Get medical attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

Storage None

Disposal P501 Dispose of contents and container in accordance with local, regional and national regulations.

Other Hazards None



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3. COMPOSITION / INFORMATION ON INGREDIENTS

Components	Content %	CAS Number
Petroleum Distillates	60-80	64742-54-7
Benzenesulfonic acid, C10-16 alkyl derivs., calcium salts	5-<10	68584-23-6
Calcium dodecylbenzene sulfonate	>3-<15	26264-06-2

The specific identity and/or exact percentage has been withheld as a trade secret.

4. FIRST-AID MEASURES

Inhalation	If inhaled remove to fresh air. If irritation or difficulty in breathing occurs, get medical attention.
Skin Contact	Wash skin with soap and water. Remove clothing and shoes if contaminated. Launder clothing before reuse. If irritation or rash develops, get medical attention.
Eye Contact	Important! Immediately flush eyes with large amounts of tepid water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Get medical attention.
Ingestion	If conscious, rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
Most Important Symptoms	Causes serious eye damage. Causes skin irritation. May cause an allergic skin reaction. Inhalation of vapors or mists may cause respiratory irritation. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Indication of Immediate Medical Attention Needed	Immediate medical attention is not required.
Notes to Physician	Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use water fog, foam, dry chemical or carbon dioxide (CO ₂) to extinguish flames.
Specific Hazards Arising From The Chemical	This material will burn although it is not easily ignited. Combustion will produce carbon oxide and unidentified organic compounds.
Special Protective Equipment And Precautions For Fire-Fighters	Firefighters should wear full emergency equipment and a NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water



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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Wear appropriate protective equipment. Wash thoroughly after handling. See also: "Personal Protection" section 8.
Environmental Hazards	Avoid release into the environment. Report spill as required by local and federal regulations.
Methods/Materials for Cleaning up	Dike spill and collect with an inert absorbent. Place into closable containers for disposal. Collected material is handled in accordance with section 13 "Disposal Considerations".

7. HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid contact with skin, eyes and clothing. Avoid breathing vapors and mists. Wear protective clothing and equipment. Wash thoroughly with soap and water after handling. Remove oil-soaked clothing and launder before re-use.
Conditions for Safe Storage	Store in a cool area away from oxidizing and reducing agents. Protect containers from physical damage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Petroleum Distillates	5 mg/m ³ TWA OSHA PEL 5 mg/m ³ TWA ACGIH TLV 10 mg/m ³ TWA ACGIH STEL
Benzenesulfonic acid, C10-16 alkyl derivates, calcium salts	None Established
Calcium dodecylbenzene-sulfonate	None Established

Appropriate Engineering Controls	Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If the recommended exposure limit is exceeded increased mechanical ventilation such as local exhaust may be required.
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Personal Protection

Respiratory Protection:	None needed under normal use conditions with adequate ventilation. If exposure limits are exceeded, use a NIOSH approved respirator with organic vapor cartridges and particulate pre-filter. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.
Eye Protection:	Safety glasses or goggles recommended if splashing is possible.



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Skin/Body Protection: No special protective clothing is normally required. If there is a potential for prolonged skin contact, wear a long sleeved shirt and apron. Neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.

Hand Protection: Use nitrile or neoprene gloves for prolonged or repeated skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Semi-solid grease
Color	Red
Odor	Petroleum odor
Odor Threshold	No data available
pH	No data available
Freezing Point	No data available
Boiling Point	No data available
Flash Point	>428°F (>220°C) (base oils) (ASTM D92)
Evaporation Rate	No data available
Flammability (solid, gas)	No data available
Upper Explosion Limit	No data available
Lower Explosion Limit	No data available
Vapor Pressure	No data available
Vapor Density (Air=1)	No data available
Relative Density	1.0-1.1
Solubility	Soluble in hydrocarbons; insoluble in water
Partition Coefficient: n-octanol/water	No data available
Auto Ignition Temperature	No data available
Decomposition Temperature	No data available
Volatile Organic Compounds (VOC)	0%
Viscosity	>20.5 cSt @ 104°F

10. STABILITY AND REACTIVITY

Reactivity	Not expected to be reactive.
Chemical Stability	Stable.
Possibility of Hazardous Reactions	None known.
Conditions to Avoid	Avoid temperatures over 120°F, open flames and sparks.
Incompatible Materials	Avoid contact with strong oxidizing or reducing agents.
Hazardous Decomposition Product	Thermal decomposition may produce carbon oxides and unidentified organic compounds.



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11. TOXICOLOGICAL INFORMATION

Potential Health Hazards

Eye Contact: Causes serious eye damage with redness, tearing and pain. May cause damage to the cornea, iris or conjunctiva.

Skin Contact: Causes skin irritation with non-allergic dermatitis. May cause allergic dermatitis in sensitive individuals. May cause an allergic skin reaction.

Inhalation: Excessive inhalation of vapors or mists may cause upper respiratory tract irritation. Breathing high concentrations of oil mists may cause lung damage.

Ingestion: Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea.

Chronic Effects of Overexposure: Used motor oils have been found to cause skin cancer in skin painting studies with laboratory animals.

Sensitization: Benzenesulfonic acid, C10-16 alkyl derivs., calcium salts, are skin sensitizers (Category 1B)

Mutagenicity: This product is not expected to cause mutagenic activity.

Reproductive Toxicity: This product is not expected to cause reproductive or developmental effects.

Carcinogenicity: None of the major components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

Acute Toxicity:

Petroleum Distillates (CAS 64742-54-7)	Oral rat LD50 >5000 mg/kg Inhalation rat LC50 >5.53 mg/L/4 hr (mist) Dermal rabbit LD50 >2000 mg/kg
Benzenesulfonic acid, C10-16 alkyl derivs., calcium salts	Oral rat LD50 >5000 mg/kg Inhalation rat LC50 NA Dermal rabbit LD50 NA
Calcium dodecylbenzene- sulfonate	Oral rat LD50 1300 mg/kg Inhalation rat LC50 NA Dermal rabbit LD50 NA

12. ECOLOGICAL INFORMATION

Ecotoxicity

Petroleum Distillates (CAS 64742-54-7)	LL50 fish >100 mg/L EL50 aquatic invertebrates > 100 mg/L EL50 algae > 100 mg/L
Benzenesulfonic acid, C10-16 alkyl derivs., calcium salts	LC50 fish >100 mg/L EC50 aquatic invertebrates NA EC50 algae NA LC50 fish >1-10 mg/L



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Calcium dodecylbenzene-sulfonate

EC50 aquatic invertebrates NA

EC50 algae NA

BiodegradationPetroleum distillates
(CAS 64742-54-7)

Not readily biodegradable

Benzenesulfonic acid, C10-16
alkyl derivs., calcium salts

Not readily degradable.

Calcium dodecylbenzene-sulfonate

Readily biodegradable (>60%, OECD TG 301 F)

BioaccumulationPetroleum distillates
(CAS 64742-54-7)

Log Kow of > 5.3 which suggests a potential for bioaccumulation

Benzenesulfonic acid, C10-16
alkyl derivs., calcium salts

No potential for bioaccumulation.

Calcium dodecylbenzene-sulfonate

Low potential for bioaccumulation.

Mobility in soil

The product is not water soluble (floats on water) and may be adsorbed to soil particles.

Other adverse effects:

None known.

13. DISPOSAL CONSIDERATIONS**Disposal**

Dispose in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form**Special precautions:** None known.



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15. REGULATORY INFORMATION

CERCLA: This product is not subject to CERCLA reporting requirements, however, oil spills are reportable to the National Response Center under the Clean Water Act and many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

EPA SARA 302: This product does not contain chemicals regulated under SARA Section 302.

EPA SARA 311 Hazard Classification: Acute Health hazard

EPA SARA 313: This product contains the following chemicals that are regulated under SARA Title III, section 313: None.

California Proposition 65: This product contains the following chemicals known to the State of California to cause cancer and reproductive toxicity:
None.

Chemical Inventories

Toxic Substances Control Act: This material contains one or more substances that are regulated by a TSCA Significant New Use Rule (SNUR) and/or Consent Order.

16. OTHER INFORMATION

NFPA Rating (NFPA 704):	Health: 2	Fire: 1	Instability: 0
HMIS Rating:	Health: 2	Fire: 1	Physical Hazard: 0

Date of Revision: February 15, 2021

Date of Previous Revision: None

Revision History: New document

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.