

LPS PREMIUM DI-ELECTRIC GREASE

Product: AD011

Revision Date: Discontinued by supplier – Most recent copy

Section 1: PRODUCT INFORMATION

Chemical family: Mixture.

Product uses: Grease.

Manufacturer: LPS Laboratories, Inc.
4647 Hugh Howell Road
Tucker, GA 30085-5052
USA.

Manufacturer emergency phone number: Chemtrec 800-424-9300.

Information phone number: 770-243-8800.

Supplier: Same as manufacturer.

TDG classification: AEROSOLS
UN1950
Class 2.1.

WHMIS classification:

A, B5, D2A, D2B.



DSL status: Appears on DSL.

Supplier MSDS date: Discontinued by supplier – Most recent copy.
2013/03/03.

Product name: LPS Premium Di-Electric Grease

Section 2: HAZARDOUS INGREDIENTS

C.A.S.	CONCENTRATION %	Ingredient Name	TLV	LD50	LC50
107-83-5	25-35	2-METHYLPENTANE	500 PPM	NOT AVAILABLE	NOT AVAILABLE
110-54-3	1-3	N-HEXANE	50 PPM (SKIN)	15,840 MG/KG RAT ORAL	48,000 PPM/4H RAT INHALATION 627,000 MG/M3/3M RAT INHALATION 150,000 MG/M3/2H MOUSE INHALATION
68476-85-7	20-30	LIQUIFIED PETROLEUM GAS	1000 PPM	NOT AVAILABLE	NOT AVAILABLE
75-83-2	5-10	2,2-DIMETHYLBUTANE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE
79-29-8	10-15	2,3-DIMETHYLBUTANE	500 PPM	NOT AVAILABLE	NOT AVAILABLE
96-14-0	10-15	3-METHYLPENTANE	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE

Section 2A: ADDITIONAL INGREDIENT INFORMATION

Note: (supplier).

CAS# 107-83-5: LC50 3125 ppm/4H rat inhalation.

CAS# 96-14-0: TLV 500 ppm.

CAS# 110-54-3 LD50 1300 mg/kg rabbit dermal.

CAS# 75-83-2 TLV 500 ppm.

CAS# 68476-85-7 LC50 >3125 ppm 4 hr rat.

Section 3: PHYSICAL DATA

Physical state: Liquid (aerosol).
Appearance & odor: Colourless.
Clear
Ether-like odour.
Odor threshold (ppm): Not available.
Vapour pressure (mmHg): 352
Vapour density (air=1): ~3
Volatiles (%)
By volume: 90
Evaporation rate (ether = 1).
(butyl acetate = 1): <1
Boiling point (°C): 61
Freezing point (°C): Not available.
pH: Not applicable.
Specific gravity @ 20 °C: (water = 1).
0.6–0.7
Solubility in water (%): None
Coefficient of water\oil dist.: ~3.2
VOC: 583 g/l

Section 4: FIRE & EXPLOSION DATA

Flammability: Flammable aerosol.
Conditions of flammability: Vapours may travel to a source of ignition and flash back.
Heat, sparks and open flames.
Extinguishing media: Carbon dioxide, dry chemical, foam.
Water spray or fog.
Special procedures: Use water to cool exposed containers.
Wear a positive-pressure, self-contained breathing apparatus and full protective
equipment.
Auto-ignition temperature (°C): 306
Flash point (°C), method: < 0°C.
**Lower flammability
limit (% vol):** 1.2
**Upper flammability
limit (% vol):** 7
Explosion Data
Sensitivity to static discharge: Take precautionary measures against static discharge.
Sensitivity to mechanical impact: None

Hazardous combustion products: Oxides of carbon (CO, CO₂).
Thick smoke.

Explosive power: Containers can explode when exposed to heat or open flame.

Section 5: REACTIVITY DATA

Chemical stability: Stable under normal conditions.

Conditions of instability: Avoid heat and ignition sources.
Avoid sunlight.
Temperatures > 50C.

Hazardous polymerization: Will not occur.

Incompatible substances: Oxidizing agents.

Hazardous decomposition products: See hazardous combustion products.

Section 6: TOXICOLOGICAL PROPERTIES

Route of entry: Inhalation, skin and eye contact.

Effects of acute exposure

Eye contact: Irritant.
May cause stinging.

Skin contact: May cause redness.
May cause drying and cracking.
On prolonged contact.

Inhalation: May cause irritation of the respiratory tract.
May cause headache and dizziness.
May cause throat irritation.
May cause stupor.

Ingestion: May cause gastro-intestinal irritation.
May cause nausea and vomiting.
Harmful or fatal if swallowed.
Aspiration of liquid may injure lungs seriously.

Effects of chronic exposure: May cause dermatitis.
Pre-existing respiratory diseases may be aggravated by exposure.
Pre-existing skin disorders may be aggravated by exposure to this product.
May cause peripheral neuropathy.
Pre-existing liver and kidney conditions may be aggravated.
May affect the central and peripheral nervous system.
May affect the kidneys.
May cause loss of sensation.

LD50 of product, species & route: Not available for mixture, see the ingredients section.

LC50 of product, species & route: Not available for mixture, see the ingredients section.

Exposure limit of material: Not available for mixture, see the ingredients section.

Sensitization to product: None known.

Carcinogenic effects: Not listed as a carcinogen.

- Reproductive effects:** Not available.
- Teratogenicity:** Effects have been reported in animals.
- Mutagenicity:** None known.
- Synergistic materials:** None known.

Section 7: PREVENTATIVE MEASURES

Precautionary Measures

- Gloves/Type:** Nitrile gloves.
- Respiratory/Type:** If TLV is exceeded.
NIOSH approved chemical cartridge respirator with organic vapour cartridges.
- Eye/Type:** Safety glasses with side-shields.
- Footwear/Type:** Safety shoes per local regulations.
- Clothing/Type:** Wear adequate protective clothes.
- Other/Type:** Eye wash facility should be in close proximity.
Emergency shower should be in close proximity.
- Ventilation requirements:** Local exhaust and/or general ventilation.
To maintain exposure below TLV.
- Leak/Spill:** Eliminate all sources of ignition.
Absorb with inert material.
Dike area to prevent spreading.
Evacuate all non-essential personnel.
Ventilate area.
Wear appropriate protective equipment.
Use non-sparking tools.
Put in appropriate container.
Clean spill area with aqueous detergent solution.
- Waste disposal:** In accordance with municipal, provincial and federal regulations.
- Handling procedures and equipment:** Keep away from heat, sparks, and open flame.
Avoid breathing vapors/mists.
Use adequate ventilation.
Wash thoroughly after using, particularly before eating or smoking.
Wear personal protective equipment appropriate to task.
Use proper grounding procedures.
Avoid contact with skin, eyes and clothing.
Launder contaminated clothing prior to reuse.
- Storage requirements:** Keep container closed.
Store below 48.8°C (120°F).
Keep away from ignition sources.
Store in a cool, dry and well ventilated area.
- TDG classification:** AEROSOLS
UN1950
Class 2.1.
- Special shipping information:** See transportation information.

Section 8: FIRST AID MEASURES

- Skin contact:** Remove contaminated clothing.
Wash thoroughly with soap and water.
Seek medical attention if irritation persists.
Do not use ointments.
- Eye contact:** Immediately flush eyes with running water for a minimum of 15 minutes. Hold eyelids open during flushing. Obtain medical attention immediately.
Check for and remove contact lenses.
Do not use an eye ointment.
- Inhalation:** Remove victim to fresh air.
If irritation persists, seek medical attention.
If not breathing, qualified personnel should administer artificial respiration.
Give cardiopulmonary resuscitation (CPR) if there is no breathing and no pulse.
- Ingestion:** Never give anything by mouth to an unconscious person.
Do not induce vomiting, unless directed to do so by a physician.
Obtain emergency medical attention.
If spontaneous vomiting occurs, have victim lean forward with head down to avoid breathing in of vomitus.
Do not leave victim unattended.
- Additional information:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any inaccuracies.

Section 9: ADDITIONAL INFORMATION

- General note:** This material safety data sheet was prepared from information obtained from various sources, including product suppliers and the Canadian Center for Occupational Health and Safety.
- Data prepared by:** Conform–Action Data Systems
A division of 2843471 Canada Inc.
1840 Transcanada, suite 101
Dorval, QC H9P 1H7
Tel: (514) 683–2060 Fax: (514) 683–1445
24 hr. 1–866–628–7522 support@netmsds.com.

This MSDS was generated by *Conform–Plus* Application Service. Visit us at www.netmsds.com.