


<b>SAFETY DATA SHEET</b>	
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## Section 1. Product and Company identification

Product Name: Grease P2-G  
 Company identification: Delek Lubricants- Delkol Ltd.  
 P.O.B 31 Lod 71100, Israel [www.deklelubes.com](http://www.deklelubes.com)  
 Tel: +972-8-9270888  
 Fax: +972-8-9247072  
 Emergency telephone number: 972-4-8529205  
 Catalog No: 06701

## Section 2. Composition/Information on Ingredients

Chemical name	CAS-No	EINECS-No	%	Classification
Mineral oil	64742-54-7	265-157-1	30-60	-
Extract heavy paraffinic distillate solvent	64742-04-7	265-103-7	15-30	R45
Lithium12 hydroxystearate	7620-77-1	231-536-5	5-15	R36/37/38, Xi
Graphite	7782-42-5	231-955-3	1-5	R36/37, Xi

(See full text of R-phrases in chapter 16)

## Section 3. Hazards Identification


**Physical State and Appearance:** Homogeneous grease.

### Emergency Overview:

R45: May cause cancer  
 R22: Harmful if swallowed  
 R36/37/38: Irritating to eyes, respiratory system and skin.  
 See Section 11 for Toxicological Data

## Section 4. First - Aid Measures

Skin contact: Immediately remove contaminated clothing and shoes, unless it is stuck to the skin. Flush skin with plenty of water for at least 10 minutes. Get medical attention if necessary.  
 Eyes contact: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention immediately.  
 Ingestion: DO NOT induce vomiting. If victim is conscious and alert, give water. Do not give anything by mouth to an unconscious person. Get medical attention immediately.  
 Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention if respiratory irritation or distress continues.

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## Section 5: Fire-Fighting Measures

**Flammability:** Combustible.

**Extinguishing media:** Dry chemical, foam and CO<sub>2</sub>.

Water spray may be used to keep fire exposed containers cool.

In case of fire use a self-contained breathing apparatus and full protective gear.

## Section 6: Accidental Release Measures

Wear protective gear. Avoid the possible contact with the material. Remove all sources of ignition.

Ventilate the area. Stop the leakage if you can do it without risk. Absorb the chemical onto sand, vermiculite, absorption sleeves or other incombustible absorbent material.

Scoop into containers for disposal, according to local regulations. Prevent from entering sewage system and water sources.

## Section 7: Handling and Storage

Keep away from incompatible materials (see section 10).

### Safety phrases

S23: Do not breathe gas/fumes/vapor/spray

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: In case of contact with skin, wash immediately with plenty of water

S36: Wear suitable protective clothing.

S45: In case of accident or if you feel unwell seek medical advice immediately. (Show the label where possible)

### Storage:

Store in a cool, dry and well ventilated area. Store separately from oxidizing agents and away from excess heat, open flame and sources of ignition.

## Section 8: Exposure Control / Personal Protection

Protective equipment: Generally, personal protection is a function of the exposure level to fumes or aerosol. It is recommended to use safety spectacles or goggles, working shoes, working clothes or lab coat. Working should be done in a well ventilated area.

In addition: mask and filter gloves (Polyvinyl chloride (PVC); Neoprene; Nitrile; Polyvinyl alcohol; Viton) and safety glasses.


In case of an emergency: Full protective gear and a self-contained breathing apparatus should be used, according to the severity. Note that regular masks give limited protection.

Threshold values: Mineral Oil (as oil mist, mineral):

ACGIH-TLV 5 mg/m<sup>3</sup> (TWA) 10 mg/m<sup>3</sup> (STEL)

Threshold values: Extract heavy paraffinic distillate solvent:

ACGIH-TLV 0.2 mg/m<sup>3</sup> (TWA)

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## Section 9: Physical and Chemical Properties


Boiling point °C: N/A  
 Freezing point °C: N/A  
 Molecular weight: N/A  
 Specific gravity gr/cm<sup>3</sup>: 0.90-0.95  
 Vapor density (air=1): N/A  
 Vapor pressure (mm Hg): N/A  
 Solubility in water %: N/A  
 pH: N/A  
 Flash point °C: 170  
 Auto-ignition temperature °C: N/A  
 LEL: N/A UEL: N/A  
 Viscosity: N/A  
 Dropping point °C: 200

## Section 10: Stability and Reactivity

Stability and Reactivity: The product is stable under normal handling and storage conditions.  
 Conditions to avoid: Excess heat, open flame and sources of ignition.  
 Materials to avoid: Oxidizing agents and  
 Hazardous Decomposition products: Irritating and toxic fumes. These products are carbon oxides (CO, CO<sub>2</sub>), nitrogen and sulfur oxides (NOX, SOX)  
 Hazardous polymerization: Will not occur.

## Section 11: Toxicological Information

Potential Acute Health Effects on human:  
 Eyes: Prolonged and repeated contact causes to irritation.  
 Skin: Prolonged and repeated contact causes to irritation. dermatitis, dryness, chapping, reddening, sensitizes, disease, blackheads with possible second infection.  
 Inhalation: Prolonged/repeated contact causes shortness of breath/cough.  
 Ingestion: Aspiration can lead to lipid pneumonia or lipid or lipid granuloma of the lung.  
 Potential Chronic Health Effects on human: According to Annex I of Directive 67/548/EEC this product is probably carcinogenic (R45), according IARC and OSHA is considered as carcinogenic.  
 Toxicity Data:  
 Hydro treated heavy paraffinic oil:  
 Acute Oral Toxicity: LD50: >5 g/kg (rat)  
 Acute Inhalation Toxicity: For 4 hour exposure, LC50: > 4mg/L (rat)  
 Acute Dermal Toxicity: LD50: >5g/kg (rabbit).  
 Additional Toxicology Information: See Section 3

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## Section 12: Ecological Information

Environmental hazards: Absorbs in the soil and may contaminate groundwater.  
Creates layer on water surface and prevents oxygen delivery.  
Degradability: This material is not expected to be readily biodegradable.

## Section 13: Disposal Considerations

Waste Information: Waste must disposed of in accordance with federal, state and local environmental control regulations.

## Section 14: Transport Information

Regulatory Information	UN number	Proper shipping name	Class	Packing group	Label	Additional information
DOT Classification	-	-	-	-	-	-
IMDG class	-	-	-	-	-	-
IATA-DGR Class	-	-	-	-	-	-

NOT REGULATED AS A HAZARDOUS MATERIAL FOR TRANSPORTATION

## Section 15: Regulatory Information

### Labeling in accordance with EC directives:

T, Toxic; Xi, Irritant



### R-phrases:

R45: May cause cancer

R36/37/38: Irritating to eyes, respiratory system and skin.

### S-phrases:

S23: Do not breathe gas/fumes/vapor/spray


S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: In case of contact with skin, wash immediately with plenty of water

S36: Wear suitable protective clothing.

S45: In case of accident or if you feel unwell seek medical advise immediately. (Show the label where possible)

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This material contains aromatic and poly-aromatic hydrocarbons that relates to hazardous material and listed as Type B according to Israel Hazard Material Laws of 1993, and Hazard Material Regulations of 1996.

## Section 16: Other Information

### National Fire Protection Association Hazard Ratings- NFPA (R):

- 2** Health Hazard Rating
- 1** Flammability Rating
- 0** Instability Rating

#### Key Legend Information:

ACGIH- American Conference of Governmental Industrial Hygienists

OSHA- Occupational Safety and Health Administration

TLV- Threshold Limit Value

PEL- Permissible Exposure Limit

TWA- Time Weighted Average

STEL- Short Time Exposure Limit

NTP- National Toxicology program

IARC- International Agency for Research on Cancer

ND- Not Determined

N/A- Not available

Full text of R-phrases (Risk phrases) with No. appearing in section 2:

R43: May cause cancer

R36/37/38: Irritating to eyes, respiratory system and skin.

S-phrases- Safety phrases

S23: Do not breathe gas/fumes/vapor/spray

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28: In case of contact with skin, wash immediately with plenty of water

S36: Wear suitable protective clothing.

S45: In case of accident or if you feel unwell seek medical advise immediately. (Show the label where possible)

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The information herein is based on the present state of our knowledge. It is believed to be correct but is not necessarily all-inclusive and shall be used only as a guide. Delek Lubricants - Delkol Ltd, shall not be held liable for any damage resulting from handling or from contact with the above product.

For further information, contact Delek Lubricants - Delkol Ltd.