


SAFETY DATA SHEET		
GREASE VOLCANO 2 EXTRA	1 of 5	Catalog No: 09260

Section 1. Product and Company identification

Product Name: Grease Volcano 2 Extra
 Company identification: Delek Lubricants- Delkol Ltd.
 P.O.B 31 Lod 71100, Israel www.deleklubes.com
 Tel: +972-8-9270888
 Fax: +972-8-9247072
 Emergency telephone number: 972-4-8529205

Section 2. Composition/Information on Ingredients

Chemical name	CAS-No	EINECS-No	%	Classification
Mineral oil	64742-54-7	265-157-1	60-90	-
Lithium12 hydroxystearate	7620-77-1	231-536-5	5-15	R36/37/38, Xi

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

Section 3. Hazards Identification


Physical State and Appearance: Homogeneous grease.
Emergency Overview:
 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.

Section 5: Fire-Fighting Measures

Flammability: Combustible
Extinguishing media: Dry chemical, foam and CO2.
 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.

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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.

S36: Wear suitable protective clothing.

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/m³ (TWA) 10 mg/m³ (STEL)

Section 9: Physical and Chemical Properties

Boiling point °C: N/A

Freezing point °C: N/A


Molecular weight: N/A

Specific gravity gr/cm³: 0.90-0.92

Vapor density (air=1): N/A

Vapor pressure (mm Hg): N/A

Solubility in water %: N/A

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pH: N/A
Flash point °C: 190
Auto-ignition temperature °C: N/A
LEL: N/A UEL: N/A
Viscosity: N/A
Dropping point °C: 290

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.
Hazardous Decomposition products: Irritating and toxic fumes. These products are carbon oxides (CO, CO₂)
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 may cause irritation.
Potential Chronic Health Effects on human:
This product contains petroleum base oils which were refined by various processes including severe solvent extraction, severe solvent de-waxing and severe hydro treating. The International Agency for Research on Cancer (IARC) has determined that there is no evidence, that severely solvent-refined and hydro treated oils are carcinogenic to experimental animals.

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

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.

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Section 13: Disposal Considerations

Waste Information: Waste must be 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:

Xi, Irritant



R-phrases:

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.
- S36: Wear suitable protective clothing.

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Section 16: Other Information

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

- 1** 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:
 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.
- S36: Wear suitable protective clothing.

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