# DANA LUBRICANTS FACTORY L.L.C

(A Division of DANA Group)



Registered company by IIC (No: JU- 11148)

### MATERIAL SAFETY DATA SHEET

Product Name: DANA CALCIUM GREASE MP2

Product Code: 1503021

## 1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

Product Name: DANA CALCIUM GREASE MP2

Company Identification: Dana Lubricants Factory LLC(Division Of Dana Group)

Plot no 283, Opposite Hamriyah Free Zone Phase 2, Al Jurf Industrial area, Ajman

Telephone: 00971-4-2217273 Fax: 00971-4-2215940

#### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Composition: DANA CALCIUM GREASE MP2

Chemical Nature: Petroleum derived refined solvent mineral base oil in which as measured by IP 346 is above3%

Substance Contributing to hazards : None to our knowledge in normal use

Impurities contributing to hazards: None to our knowledge in normal use

### 3. HAZARDS IDENTIFICATION

According to experience, product is considered to be harmless to health if handled correctly

#### 4. FIRST & MEASURES

General Information: Remove contaminated clothing immediately, to be disposed of or washed before reuse.

Inhalation: If inhaled, provide fresh air, warmth, rest and medical advice if necessary.

Skin Contact: Clean areas of skin affected with soap and copious water. If necessary seek medical advice.

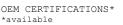
Eye Contact: In case of contact with eyes, rinse immediately with plenty of water until irritation subsides.























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Ingestion: Allow the patient to vomit on his own accord. Give copious water to drink and seek medical help if necessary.

#### 5. FIRE FIGTING MEASURES

Extinguishing Media: To suit local surroundings (e.g. water spray, carbon dioxide foam, chemical powder).

Special Exposure: Hazard Decomposition products released in a fire should be considered as probably harmful if inhale (refer to Stability and Reactivity section).

Protective Equipment: Wear self-contained breathing apparatus

#### 6. ACCIDENTAL RELEASE MEASURES

Methods for Cleaning Up Take up with absorbent material, eg sand, sawdust and dispose of as prescribed.

Do not allow to get into waste water or waterways; if this occurs, inform the relevant authority at once .

#### 7. HANDLING & STORAGE

Advice on Safe Handling : Handle in accordance with good hygiene and safety practice. Avoid temperatures > 65  $^{\circ}$ C Advice on Protection against Fire & Explosion :N/A

Storage Conditions - Ensure adequate ventilation of storage area. Keep container tightly closed, cool (< 65°C) and dry

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Controls: Monitoring of the workplace should be considered in accordance with EH40 (or equivalent) Controls. LTEL (8 hour TWA): 5 mg/m 3 (EH40, 1998) STEL (15 min): 10 mg/m 3 (EH40, 1998)

OES data for oil mist, mineral .In addition the Reciprocal Calculation Procedure (RCP) for hydrocarbons should be considered (EH40, 1998)

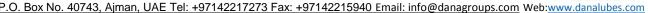
Engineering Controls: Ensure adequate ventilation of working area eg Local Exhaust Ventilation.

Personal Protection: Observe normal safety standards for handling chemicals. Avoid inhalation of vapour. Avoid contact with skin and eyes. Wear personal protective equipment appropriate for the task eg gloves, safety goggles, respirators (eg if ventilation is inadequate), appropriate overalls.























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## 9. PHYSICAL& CHEMICAL PROPERTIES

NLGI GRADE	2
COLOR	Light Yellow
TEXTURE	Smooth buttery & tacky
DROP POINT,°C	120
PENETRATION,MM @25°C	265-295
SOAP BASE	Calcium
BASE OIL VISCOSITY@40°C	100cst
OPERATING TEMP°C	-30 to 70
WATER WASHOUT % OF LOSS @80°C	0.345

## **10. STABILITY & REACTIVITY**

Stability: N/A

Thermal Decomposition: Not determined

Conditions To Avoid: N/A

Material To Avoid: N/A

Hazardous Reactions: The product does not undergo hazardous polymerisation.

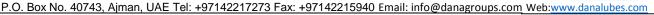
Hazardous Decomposition products: Oxides of carbon, aldehydes, ketones, and ofhydrogen sulphide plus combustion products of nitrogen and sulphur.

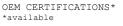
## 11. TOXICOLOGICAL INFORMATION























Acute Toxicity No acute toxicological data are available.

LD 50 rat (oral): N/A

LD 50 rat (i.v.): N/A

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Dermal Compatibility N/A

Mucous Membrane Compatibility: N/A

### 12. ECOLOGICAL INFORMATION

Eco toxicology: Eco toxicological data are not available.

Further Ecological Information: N/A

Further Information: The product must not enter ground or waste water. If this occurs, inform the local

authority at once. Calcium content: approx. 0.229% by mass (atomic absorption)

#### 13. DISPOSAL CONSIDERATIONS

Advice on Disposal: In accordance with national and local authority regulations, eg special waste or incineration after consultation with the operators.

Contaminated Packaging: Treat emptied containers in the same way as the product, or if possible wash out thoroughly and recycle.

#### 14. TRANSPORT INFORMATION

Transportation Measures: Not determined

#### 15. REGULATORY INFORMATION

Classification & Labeling: Product is not classified in accordance with the Chemical (Hazard Information and Packaging for Supply Regulations (CHIP 97).

Risk Phrases : N/A

Safety Phrases: N/A























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**16. OTHER INFORMATION** 

Date of Issue: 10-JUNE -2019









