

ENOC LUBRICANTS

Version No. 1
Revision Date
Authorisation Date 10/06/2012

Material Safety Data Sheet

Product Name ENOC VERRON LX 3 GREASE

Product Code 224012

1. IDENTIFICATION OF SUBSTANCE/PREPARATION AND COMPANY

Product Name ENOC VERRON LX GREASE
Consistency NLGI NO 3
Application AUTOMATIVES GREASE
Company Identification **ENOC LUBRICANTS**
ENOC Complex, Sheikh Rashid Road,
P.O. Box: 6442, Dubai

Telephone 971 4 3374400

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2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION Blended with mineral base oil BS 150 & SN 500 CAS 64742- 65- 0 at 80 % with additive concentrate at 20 %.

Chemical nature: Petroleum derived severely refined mineral base product in which the polycyclic aromatic hydrocarbons (PCA or PAH) content measured by IP 346 is above 3%.

Substances contributing to hazards: None to our knowledge in normal use.

Impurities contributing to hazards: None to our knowledge.

3. HAZARDS IDENTIFICATION

According to experience the product is considered to be harmless to health if handled correctly., This material is not considered to be hazardous according to regulatory guidelines (see MSDS Section 15).

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

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5. FIRE FIGHTING MEASURES

Extinguishing Media To suit local surroundings (eg water spray, carbon dioxide foam, chemical powder).
Special Exposure Hazard Decomposition products released in a fire should be considered as probably harmful if inhaled (see Stability and Reactivity section).
Protective Equipment Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Methods for Cleaning Up Remove all sources of ignition. 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 prolonged temperatures > 45°C and heat sources of > 121°C.
Advice on Protection against Fire & Explosion Keep away from sources of ignition – NO SMOKING!
Storage Conditions Ensure adequate ventilation of storage area. Keep container tightly closed, cool 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/m³ (EH40, 1998)
STEL (15 min): 10 mg/m³ (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

Specific Gravity	N/A
Auto-ignition Temperature	N/A
Vapour Pressure	N/A
Toxicity	N/A
Relative Density	N/A
Boiling Point	> 316 °C
Pour Point	N/A
Flammability	N/A
Flash Point	N/A
pH	N/A
Solubility	In water: negligible
Description	Brown and buttery liquid with petroleum like odour. The product contains approx. 0.16% zinc (atomic absorption).

10. STABILITY & REACTIVITY

Stability	Material is stable under normal condition.
Thermal Decomposition	Not determined
Conditions To Avoid	Excessive heat. High energy sources of ignition
Material To Avoid	Strong Oxidizers.
Hazardous Reactions	The product does not undergo hazardous polymerisation.
Hazardous Decomposition Products	Oxides of carbon, aldehydes, ketones, and small amounts of hydrogen sulphide, alkyl mercaptans, and sulphides. Following combustion, oxides of nitrogen, phosphorus and sulphur will be released.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	No acute toxicological data are available. LD ₅₀ rat (oral): N/A LD ₅₀ rat (i.v.): N/A
Dermal Compatibility	N/A
Mucous Membrane Compatibility	N/A

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12. ECOLOGICAL INFORMATION

Ecotoxicology	Ecotoxicological 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.

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
Air (IATA)	Not regulated for Air Transport

15. REGULATORY INFORMATION

Classification & Labelling	Product is not classified in accordance with the Chemical (Hazard Information and Packaging for Supply Regulations (CHIP 97)).
Risk Phrases	N/A
Safety Phrase s	N/A

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16. OTHER INFORMATION

Date of Issue 10/06/2012

General Summary

The product contains approx. 0.16% zinc (atomic absorption)

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.

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