

Conforms to Regulation (EC) No. 1907/2006 (REACH). Annex II – (UK)

Safety Data Sheet

LUBRICATION VIGGEN EPS 14 63 NH

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name	LUBRICATION VIGGEN EPS 14 63 NH
Viscosity or Type	ISO VG 15
Material Uses	Lubrication Oil for Metalworking

1.2 Relevant identified uses of the substance or mixture and uses advised against

Not applicable

1.3 Details of the supplier of the safety data sheet

Lubrication Limited
Unit 3, Snibston Drive
Coalville
Leicestershire LE67 3NQ
United Kingdom
Tel +44 (0) 1530 833899

1.4 **Emergency Telephone Number:** +44 (0) 1530 833899

Section 2: Hazard Identification

2.1 Classification of the substance or mixture

Product definition	Mixture
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Classification according to Directive 1999/45/EC (DPD)

This product is not classified as dangerous according to Directive 199/45/EC and its amendments.

Classification	Not Classified
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2.2 Label Elements

Risk phrases	This product is not classified according to EU legislation.
Safety phrases	Not Applicable
Supplemental label Elements	Safety data sheet available for professional uses on request.

Annex 17 Restrictions	Not Applicable
Special packaging requirements	Not applicable

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Tactile warning of danger Not applicable

2.3 Other hazards Defatting to the skin

Section 3: Composition/Information on ingredients

Substance/Mixture Mixture

Ingredient name Base oil –highly refined

CAS Number 72623-86-0

Sulphurised additives

Section 4: First aid measures

Eye contact In case of contact flush eyes with water for at least 15 minutes
Skin contact immediately wash exposed skin with plenty of water.
Inhalation If inhaled, remove to fresh air. Seek medical attention.
Ingestion Do not induce vomiting unless directed by medical personnel.
If large quantities of this material have been swallowed, call
A physician immediately.

Section 5: Fire-fighting measures

Flashpoint Open Cup: 176° C (Cleveland)
Fire/explosion hazards In a fire or if heated, a pressure increase will occur and the
container may burst.

Extinguishing media Use an extinguishing agent suitable for the fire.
Suitable
Not suitable Do not use water jet

Fire-fighting procedures Promptly isolate the scene by removing all persons from the
vicinity of the incident if there is a fire. No action shall be taken
involving any personal risk or without personal training.

PPE for firefighters	Wear appropriate PPE and self contained breathing apparatus with a full face piece operated in positive pressure mode.
Hazardous combustion products	Combustion products may include the following: Carbon oxides (CO, CO ₂), sulphur oxides and Phosphorous oxides.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures.

Non emergency personnel	No action shall be take involving any personal risk or without suitable training. Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire.
Emergency responders	If specialized clothing is required to deal with the spillage, take note of any information in section 8 on suitable and unsuitable materials.

6.2 Methods and materials for containment and cleaning up

Small spill	Stop leak if without risk. Move containers from spill area. Absorb with an inert material and place in an appropriate waste disposal container. Dispose via a licensed waste disposal contractor.
Large Spill	Immediately contact emergency personnel. Stop leak if without risk. Move containers from spill area. Prevent entry into sewers and water courses. Contain and collect spillage with non combustible, absorbent material. Dispose via a licensed waste disposal contractor.

6.3 Reference to other sections

See section 1 for emergency contact information.
 See section 5 for firefighting measures
 See section 8 for information on appropriate PPE.
 See section 12 for environmental precautions
 See section 13 for additional waste treatment information

Section 7 Handling and storage

7.1 Precautions for safe handling

Protective measures	Put on appropriate personal protective equipment. Concentrations of mist, fumes and vapours in enclosed spaces may result in the formation of explosive atmospheres. Excessive splashing, agitation or heating must be avoided. During metal working, solid particles from workpieces or tools will contaminate
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the fluid and may cause abrasions of the skin. Where such abrasions result in a penetration of the skin, first aid treatment should be applied as soon as reasonably possible. The presence of certain metals in the workpiece or tool, such as chromium, cobalt and nickel, can contaminate the metalworking fluid, as can bacteria, and as a result may induce allergic and other skin reactions, especially if personal hygiene is inadequate.

Advice on general hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Wash thoroughly after handling. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2 Conditions for safe storage

Store and use only in equipment/containers designed for use with this product. Keep away from heat and direct sunlight. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Store in accordance with local regulations. Store in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10).

Section 8 Exposure controls/personal protection

Recommended monitoring

Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Appropriate engineering controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapours below their respective occupational exposure limits. All activities involving chemicals should be assessed for their risks to health, to ensure exposures are adequately controlled. Personal protective equipment should only be considered after other forms of control measures (e.g. engineering controls) have been suitably evaluated. Personal protective equipment should conform to appropriate standards, be suitable for use, be kept in good condition and properly maintained. Your supplier of personal protective equipment should be consulted for advice on

selection and appropriate standards. For further information contact your national organisation for standards. The final choice of protective equipment will depend upon a risk assessment. It is important to ensure that all items of personal protective equipment are compatible

Individual protection measures

Hygiene measures

Wash hands, wrists, arms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection

Safety glasses with sideshields

Hand protection

Wear protective gloves if prolonged or repeated contact is likely.

Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Section 9 Physical and chemical properties

9.1 Information on basic physical properties

Physical State	Liquid
Colour	Pale Yellow
Odour	Mild
Flashpoint	Open Cup 176° C
Viscosity	14cSt (mm ² /s) at 40° C

Section 10 Stability and reactivity

10.1 Reactivity

No test data is available for this product. Treat as mineral oil.

10.2 Chemical stability

The product is stable

10.3 Possibility of reactions	Under normal conditions of storage and use, hazardous polymerisation will not occur. Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	Avoid all sources of ignition
10.5 Incompatible materials	Reactive or incompatible with the following materials: Oxidising agents.

Section 11 Toxicological information

11.1 Information on toxicological effects

Likely Routes of exposure	Routes of entry anticipated: Dermal, inhalation.
Potential acute health effects	
Inhalation	Vapour inhalation under ambient conditions is not normally a problem due to low vapour pressure.
Ingestion	No known significant effects or critical hazards.
Skin contact	May cause dry skin and irritation.
Potential chronic health effects	
General	Prolonged or repeated contact can defat the skin and lead to irritation, cracking and/or dermatitis.
Carcinogenicity	No known significant effects or critical hazards.
Mutagenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.

Section 12 Ecological information

Environmental hazards	Not classified as dangerous
Persistence and degradability	Expected to be inherently biodegradable.

Bioaccumulative potential	Not available
Mobility in soil	Not available
Other adverse effects	No known significant effects or critical hazards.

Section 13 Disposal considerations

Waste treatment methods

Methods of disposal The generation of waste should be avoided or minimised wherever possible. Significant quantities of waste product residues should not be disposed of via the foul sewer but processed in a suitable effluent treatment plant. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

Waste Code/Designation 12 01 07 Mineral-based machining oils free of halogens(except emulsions and solutions)

Section 14 Transport information

14.1 UN number	ADR/RID Not regulated	ADN Not regulated	IMDG Not regulated	IATA Not regulated
14.2 UN Proper shipping name	N/A	N/A	N/A	N/A
14.5 Environmental hazards	-	-	-	-
14.6 Special precautions for user	Not available.			

Section 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance (EU)

EU Regulation (EC) No. 1907/2006 (REACH)
Annex 14 0- List of substances subject to authorization
Substances of very high concern
None of the components are listed.

15.2 Chemical safety assessment This product contains substances for which risk assessments are still required.

Section 16 Other information

Abbreviations and acronyms

ATE = Acute toxicity Estimate
CLP = Classification, labeling and packaging regulation
DNEL Derived no effect level
EUH Statement = CLP specific hazard statement.
PNEC = Predicted no effect concentration.

Full abbreviated H Statements

H304 May be fatal if swallowed and enters airways
H411 Toxic to aquatic life with long lasting effects

Full text of classifications

R51/53 Toxic to aquatic organisms, may cause long-term effects in the aquatic environment.

Date of issue

May 2013

Prepared by

Technical department

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.