



**EXCELLENCE IN LUBRICANTS**

## *SAFETY DATA SHEET*

Blue Complex HV2LS



**EXOL LUBRICANTS LIMITED**

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# Blue Complex HV2LS

Product Code: Z104

|                  |   |
|------------------|---|
| <b>SECTION 1</b> | <b>IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING</b> |
|------------------|---|

|   |  |
|---|--|
| 1.1 Product Identifier  | Blue Complex HV2LS   |
| Product Code  | Z104   |
| 1.2 Relevant identified uses of the substance or mixture and uses advised against | No specific uses identified against  |
| 1.3 Company   | Exol Lubricants Limited<br>All Saints Road<br>Wednesbury,<br>West Midlands, WS10 9TS |
| 1.4 Emergency Telephone Number  | +44 (0) 121 568 6800 (Monday – Friday 08.30 – 17.00 hrs GMT)                         |
| 1.5 Other Information   | Preparation Date: 20/06/2016   |

|                  |                              |
|------------------|------------------------------|
| <b>SECTION 2</b> | <b>HAZARD IDENTIFICATION</b> |
|------------------|------------------------------|

|  |   |
|--|---|
| 2.1 Classification of the substance or mixture         | <b>CLP Classification:</b><br>None                        |
| <i>See section 16 for full text of H and R phrases</i> |   |
| 2.2 Label Elements                                     | <b>Labelling in accordance with CLP</b><br>None           |
| 2.3 Other Hazards                                      | PBT: This substance is not identified as a PBT substance. |

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|------------------|--|
| <b>SECTION 3</b> | <b>COMPOSITION/ INFORMATION ON INGREDIENTS</b> |
|------------------|--|

|                       |        |                |                    |         |
|-----------------------|--------|----------------|--------------------|---------|
| 3.2 Mixtures          |        |                |                    |         |
| Hazardous Ingredients | EC No. | REACH Reg. No. | GHS Classification | Conc. % |
| None                  |        |                |                    |         |

|                  |                           |
|------------------|---------------------------|
| <b>SECTION 4</b> | <b>FIRST AID MEASURES</b> |
|------------------|---------------------------|

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| 4.1 Description of first aid measures  |  |
| <b>Eyes</b>  | Bathe the eye with running water for 15 minutes. Get medical attention if discomfort continues   |
| <b>Skin</b>  | No specific recommendations. Rinse with water. Get medical attention if any discomfort Continues.  |
| <b>Ingestion</b>   | No specific recommendations. If throat irritation or coughing persists, proceed as follows. Rinse mouth. Get medical attention if any discomfort continues   |
| <b>Inhalation</b>  | No specific recommendations. If throat irritation or coughing persists, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if any discomfort continues.   |
| 4.2 Most important symptoms and effects, both acute and delayed                          | General information - The severity of the symptoms described will vary dependent on the concentration and the length of exposure.<br>Inhalation - No specific symptoms known<br>Ingestion - No specific symptoms known. May cause discomfort if swallowed.<br>Skin contact - Prolonged contact may cause dryness of the skin.<br>Eye contact - No specific symptoms known. May be slightly irritating to eyes. |
| 4.3 Indication of immediate medical attention and special treatment needed, if necessary | Treat symptomatically.<br>No special treatment required.   |



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## SECTION 5 FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media** The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire. Do not use water jet as an extinguisher, as this will spread the fire.
- 5.2 Specific hazards arising from the substance or mixture** Thermal decomposition or combustion products may include the following substances:  
Harmful gases or vapours
- 5.3 Advice for fire-fighters** Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** No specific recommendations. For personal protection, see Section 8.
- 6.2 Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.
- 6.3 Methods and material for containment and cleaning up** Reuse or recycle products wherever possible. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations.
- 6.4 Reference to other sections** For personal protection, see Section 8.

## SECTION 7 HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.
- 7.2 Conditions for safe storage, including any incompatibilities** No specific recommendations.
- 7.3 Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- | Country | Substance | Long Term (8 Hours TWA) | Short Term (15 Mins) |
|---------|-----------|-------------------------|----------------------|
|         |           | No data available       | No data available    |
- 8.2 Exposure controls**
- Engineering Measures:** No specific ventilation requirements
- Hand Protection:** No specific hand protection recommended. Large Spillages: Wear protective gloves.
- Eye Protection:** No specific eye protection required during normal use. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
- Respiratory Protection:** No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.
- Hygiene Measures:** Wash hands thoroughly after handling. Wash at the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.
- Environmental Exposure Controls:** Not regarded as dangerous for the environment.



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## SECTION 9 | PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties Does not constitute a specification

### Typical Values

| Grades:                                      | Units              | Blue Complex HV2LS |
|--|--------------------|--------------------|
| Appearance                                   |                    | Blue Grease        |
| Odour  |                    | Almost Odourless   |
| Odour Threshold                              |                    | No data available  |
| pH   |                    | Not applicable     |
| Relative density                             | kg/l               | No data available  |
| Solubility - water                           |                    | Insoluble          |
| Melting Point                                | °C                 | >260               |
| Initial boiling point and range              | °C                 | No data available  |
| Flash point (PMCC)                           | °C                 | >200               |
| Flammability                                 |                    | No data available  |
| Upper/lower flammability or explosive limits |                    | No data available  |
| Vapour pressure                              | kPa (0.1 mm Hg)    | Not applicable     |
| Partition coefficient n-octanol/water        | Log Pow            | Not applicable     |
| Autoignition temperature                     | °C                 | No data available  |
| Decomposition temperature                    |                    | No data available  |
| Viscosity                                    | mm <sup>2</sup> /s | No data available  |
| Evaporation rate                             |                    | Not applicable     |
| Vapour density                               |                    | Not applicable     |
| Explosive properties                         |                    | No data available  |
| Oxidising properties                         |                    | None               |

9.2 Other Information Not Applicable.

## SECTION 10 | STABILITY AND REACTIVITY

|   |  |
|---|--|
| 10.1 Reactivity                         | There are no known reactivity hazards associated with this product.  |
| 10.2 Chemical stability                 | Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.  |
| 10.3 Possibility of hazardous reactions | No potentially hazardous reactions known.  |
| 10.4 Conditions to avoid                | There are no known conditions that are likely to result in a hazardous situation.  |
| 10.5 Incompatible materials             | No specific material or group of materials is likely to react with the product to produce a hazardous situation.   |
| 10.6 Hazardous decomposition products   | Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. |

## SECTION 11 | TOXICOLOGICAL INFORMATION

|   |  |
|---|--|
| 11.1 Information on toxicological effects |  |
| Acute Toxicity                            | Based on available data the classification criteria are not met.   |
| Corrosivity/Irritation                    | Based on available data the classification criteria are not met.   |
| Sensitisation                             | Based on available data the classification criteria are not met.   |
| Repeated-dose Toxicity                    | Based on available data the classification criteria are not met.   |
| Mutagenicity                              | Based on available data the classification criteria are not met.   |
| Carcinogenicity                           | Based on available data the classification criteria are not met.   |
| IARC Carcinogenicity                      | Contains a substance which may be potentially carcinogenic. IARC Group 2B Possibly carcinogenic to humans. |
| Reproductive Toxicity                     | Based on available data the classification criteria are not met.   |



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## SECTION 12 ECOLOGICAL INFORMATION

|  |   |
|--|---|
| <b>12.1 Toxicity</b>                           | Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment. |
| <b>12.2 Persistence and Degradability</b>      | Based on available data the classification criteria are not met.  |
| <b>12.3 Bioaccumulative Potential</b>          | The degradability of the product is not known.  |
| <b>12.4 Mobility in Soil</b>                   | No data available on bioaccumulation.   |
| <b>12.5 Results of PBT and vPvB Assessment</b> | No data available   |
| <b>12.6 Other Adverse Effects</b>              | This substance is not identified as a PBT or a vPvB substance.  |
|  | None  |

## SECTION 13 DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way.

Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

## SECTION 14 TRANSPORT INFORMATION

Not classified as dangerous goods for carriage under ADR/RID/AND/IMDG/ICAO/IATA regulations.

|  |   |
|--|---|
| <b>14.1 UN Number</b>  | None  |
| <b>14.2 UN Proper Shipping Name</b>  | None  |
| <b>14.3 Transport Hazard Class</b>   | None  |
| <b>14.4 Packing Group</b>  | None  |
| <b>14.5 Environmental Hazards</b>  | Not classified as an Environmentally hazardous substance/Marine Pollutant |
| <b>14.6 Special Precautions for User</b>   |   |
| <b>14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code</b> | Not applicable to packaged goods  |

## SECTION 15 REGULATORY INFORMATION

|  |   |
|--|---|
| <b>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</b> | Supply regulations: DPD: Dangerous Preparations Directive; GHS: Globally Harmonised System of classification and labelling of chemicals; CLP: Classification, Labelling and Packaging regulations. Transport regulations: CDG: Carriage of Dangerous Goods regulations; ADR/RID/IMDG/ICAO/IATA regulations. |
| <b>15.2 Chemical Safety Assessment</b>   | A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.   |

## SECTION 16 OTHER INFORMATION

Second Issue  
First Issue February 2016: Changed composition data