



# SAFETY DATA SHEET

## Athena Progear HD 85W-140

Product Code: G017

### SECTION 1 IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING

|   |   |
|---|---|
| 1.1 Product Identifier  | Athena Progear HD 85W-140   |
| Product Code  | G017  |
| 1.2 Relevant identified uses of the substance or mixture and uses advised against | Automotive gear lubricant.<br>Do not use in any other application.                    |
| 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: 27/09/2018  |

### SECTION 2 HAZARD IDENTIFICATION

|  |  |
|--|--|
| 2.1 Classification of the substance or mixture | Not classified as hazardous in accordance with CLP (EC 1272/2008) and DPD (1999/45/EC) |
| 2.2 Label Elements                             | No labelling required  |
| 2.3 Other Hazards                              | None to mention  |

### SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

|                         |        |                |                    |         |
|-------------------------|--------|----------------|--------------------|---------|
| 3.2 Mixtures            |        |                |                    |         |
| Hazardous Ingredients   | EC No. | REACH Reg. No. | GHS Classification | Conc. % |
| Non-Hazardous Substance |        |                |                    | 1-100%  |

### SECTION 4 FIRST AID MEASURES

|  |   |
|--|---|
| 4.1 Description of first aid measures  |   |
| <b>Inhalation</b>  | If inhalation of mists, fumes or vapour causes irritation to the nose or throat, or coughing, remove to fresh air. If symptoms persist obtain medical advice.   |
| <b>Eyes</b>  | Wash eye thoroughly with copious quantities of water, ensuring eyelids are held open. Obtain medical advice if any pain or redness develops or persists.  |
| <b>Skin</b>  | Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin.  |
| <b>Ingestion</b>   | If contamination of the mouth occurs, wash out thoroughly with water. Except as a deliberate act, the ingestion of large amounts of product is unlikely. If it should occur, do not induce vomiting; obtain medical advice. |
| 4.2 Most important symptoms and effects, both acute and delayed                          | No ill effects known  |
| 4.3 Indication of immediate medical attention and special treatment needed, if necessary | Eye contact: immediately wash out with plenty of water  |

### SECTION 5 FIRE-FIGHTING MEASURES

|  |   |
|--|---|
| 5.1 Extinguishing media                                    | Use foam, dry power or water fog. DO NOT USE water jets. Water may be used to cool nearby heat exposed areas/objects/packages.  |
| 5.2 Specific hazards arising from the substance or mixture | Avoid spraying directly into storage containers because of the danger of boil-over. Toxic fumes may be evolved on burning or exposure to heat. See Stability and Reactivity, Section 10 of this data sheet. |
| 5.3 Advice for fire-fighters                               | Wear self-contained breathing apparatus.  |



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## SECTION 6 ACCIDENTAL RELEASE MEASURES

|     |  |   |
|-----|--|---|
| 6.1 | <b>Personal precautions, protective equipment and emergency procedures</b> | Wear Personal Protective Equipment. Spilled material may make surfaces slippery. Contain and recover spilled material using sand or other suitable inert absorbent material. It is advised that stocks of suitable absorbent material should be held in quantities sufficient to deal with any spillage which may be reasonably anticipated.  |
| 6.2 | <b>Environmental precautions</b>   | Protect drains from potential spills to minimise contamination. Do not wash product into drainage system.<br>In the case of large spills contact the appropriate authorities. In the case of spillage on water, prevent the spread of product by the use of suitable barrier equipment. Recover product from the surface. Protect environmentally sensitive areas and water supplies. |
| 6.3 | <b>Methods and material for containment and cleaning up</b>                | Absorb into dry earth or sand, transfer into suitable containers for disposal.  |
| 6.4 | <b>Reference to other sections</b>   | Personal protective equipment: See section 8  |

## SECTION 7 HANDLING AND STORAGE

|     |   |  |
|-----|---|--|
| 7.1 | <b>Precautions for safe handling</b>                                | Avoid contact with eyes. If splashing is likely to occur wear a full face visor or chemical goggles as appropriate. Avoid frequent or prolonged skin contact with fresh or used product. Good working practices, high standards of personal hygiene and plant cleanliness must be maintained at all times. Wash hands thoroughly after contact.<br>Use disposable cloths and discard when soiled. Do not put soiled cloths into pockets. |
| 7.2 | <b>Conditions for safe storage, including any incompatibilities</b> | Store under cover away from heat and sources of ignition.<br>Product contaminated rags, paper or material used to absorb spillages, represent a fire hazard, and should not be allowed to accumulate. Dispose of safely immediately after use.   |
| 7.3 | <b>Specific end use(s)</b>  | Intended for use as an automotive gear lubricant.  |

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

|     |                           |  |                         |                      |
|-----|---------------------------|--|-------------------------|----------------------|
| 8.1 | <b>Control parameters</b> |  |                         |                      |
|     | Country                   | Substance  | Long Term (8 Hours TWA) | Short Term (15 Mins) |
| 8.2 | <b>Exposure controls</b>  | Use local exhaust ventilation to control mists or vapours. |                         |                      |
|     |                           | <b>Hand Protection:</b>                                    | PVC gloves              |                      |
|     |                           | <b>Eye Protection:</b>                                     | Safety glasses          |                      |
|     |                           | <b>Skin Protection:</b>                                    | Normal work wear        |                      |
|     |                           | <b>Respiratory Protection:</b>                             | Not normally required   |                      |

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### Typical Values

|  |                    |                           |
|--|--------------------|---------------------------|
| Grades:                                      |                    | Athena Progear HD 85W-140 |
|  | <b>Units</b>       |                           |
| Appearance                                   |                    | Amber Liquid              |
| Odour  |                    | Oily                      |
| Odour Threshold                              |                    | No data available         |
| pH   |                    | Not applicable            |
| Pour point/range                             | °C                 | -9                        |
| Initial boiling point and range              | °C                 | No data available         |
| Flash point (COC)                            | °C                 | 245                       |
| Auto Flammability                            | °C                 | No data available         |
| Upper/lower flammability or explosive limits |                    | Not applicable            |
| Vapour pressure                              | kPa (0.1 mm Hg)    | No data available         |
| Relative density                             | kg/m <sup>3</sup>  | 0.904 @ 20°C              |
| Solubility - water                           | kg/m <sup>3</sup>  | Insoluble                 |
| Partition coefficient n-octanol/water        |                    | No data available         |
| Autoignition temperature                     |                    | No data available         |
| Decomposition temperature                    |                    | No data available         |
| Viscosity                                    | mm <sup>2</sup> /s | 437.92 @ 40°C             |



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|                      |                    |                |
|----------------------|--------------------|----------------|
| Evaporation rate     | mm <sup>2</sup> /s | 33.01 @ 100°C  |
| Vapour density       |                    | Not applicable |
| Explosive properties |                    | Not applicable |
| Oxidising properties |                    | Not applicable |

9.2 Other Information None

## SECTION 10 STABILITY AND REACTIVITY

|   |  |
|---|--|
| 10.1 Reactivity                         | No dangerous reactions known   |
| 10.2 Chemical stability                 | Stable under normal conditions of use  |
| 10.3 Possibility of hazardous reactions | None known   |
| 10.4 Conditions to avoid                | Avoid overheating  |
| 10.5 Incompatible materials             | Avoid contact with strong oxidising agents   |
| 10.6 Hazardous decomposition products   | Thermal decomposition products will vary with conditions. Incomplete combustion will generate smoke, carbon dioxide and hazardous gases, including carbon monoxide and hydrogen sulphide and oxides of sulphur and phosphorus. |

## SECTION 11 TOXICOLOGICAL INFORMATION

|   |   |
|---|---|
| 11.1 Information on toxicological effects |   |
| Acute Toxicity                            |   |
| - Oral                                    | Low order of acute toxicity   |
| - Inhalation                              | Low order of acute toxicity   |
| - Dermal                                  | Low order of acute toxicity   |
| Corrosivity/Irritation                    |   |
| - Eye                                     | No components present that are classified as eye irritants.   |
| - Skin                                    | No components present that are classified as skin irritants but may cause skin irritation due to de-fatting effect on skin. |
| - Respiratory Tract                       | No components present that are classified as respiratory irritants.   |
| Sensitisation                             |   |
| - Skin                                    | No evidence of sensitisation effects.   |
| - Respiratory                             | No evidence of sensitisation effects.   |
| Repeated-dose Toxicity                    | No data available.  |
| Mutagenicity                              | No evidence of mutagenicity.  |
| Carcinogenicity                           | No evidence of carcinogenicity.   |
| Reproductive Toxicity                     | No evidence of reproductive toxicity.   |

## SECTION 12 ECOLOGICAL INFORMATION

|   |   |
|---|---|
| 12.1 Toxicity                           | Not classified as dangerous for the environment. No ecotoxic chemicals present. However, spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired. |
| 12.2 Persistence and Degradability      | This product is inherently biodegradable.   |
| 12.3 Bioaccumulative Potential          | There is no evidence to suggest bioaccumulation will occur.   |
| 12.4 Mobility in Soil                   | Non volatile. Spillages may penetrate the soil causing ground water contamination.  |
| 12.5 Results of PBT and vPvB Assessment | No PBT or vPvB chemicals present.   |
| 12.6 Other Adverse Effects              | None known.   |

## SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods  
Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations.

## SECTION 14 TRANSPORT INFORMATION

Not classified as hazardous for transport (ADR, RID, UN, IMDG, IMO, IATA/ICAO).



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|                   |                               |
|-------------------|-------------------------------|
| <b>SECTION 15</b> | <b>REGULATORY INFORMATION</b> |
|-------------------|-------------------------------|

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

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.

**15.2 Chemical Safety Assessment**

No formal chemical safety assessment has been carried out.

|                   |                          |
|-------------------|--------------------------|
| <b>SECTION 16</b> | <b>OTHER INFORMATION</b> |
|-------------------|--------------------------|

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