SAFETY DATA SHEET

Athena Progear FS 75W-90

Product Code: G159

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

1.1	**Product Identifier**	Athena Progear FS 75W-90
	Product Code	G159
1.2	**Relevant identified uses of the substance or mixture and uses advised against**	Automotive gear lubricant. Do not use in any other application.
1.3	**Company**	Exol Lubricants Limited All Saints Road, Wednesbury, 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. %
Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based; Base oil – unspecified	276-738-4	01-2119474889-13	Asp. Tox. 1; H304	<60

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation 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.

Eyes Wash eye thoroughly with copious quantities of water, ensuring eyelids are held open. Obtain medical advice if any pain or redness develops or persists.

Skin Wash skin thoroughly with soap and water as soon as reasonably practicable. Remove heavily contaminated clothing and wash underlying skin.

Ingestion 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.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
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 Environmental precautions
Protect drains from potential spills to minimise contamination. Do not wash product into drainage system.
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 Methods and material for containment and cleaning up
Absorb into dry earth or sand, transfer into suitable containers for disposal.

6.4 Reference to other sections
Personal protective equipment: See section 8

SECTION 7 HANDLING AND STORAGE

7.1 Precautions for safe handling
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.
Use disposable cloths and discard when soiled. Do not put soiled cloths into pockets.

7.2 Conditions for safe storage, including any incompatibilities
Store under cover away from heat and sources of ignition.
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 Specific end use(s)
Intended for use as an automotive gear lubricant.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Country	Substance	Long Term (8 Hours TWA)	Short Term (15 Mins)
		None known	None known

8.2 Exposure controls
Use local exhaust ventilation to control mists or vapours.

Hand Protection:	PVC gloves
Eye Protection:	Safety glasses
Skin Protection:	Normal work wear
Respiratory Protection:	Not normally required

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Typical Values

Grades:		Athena Progear FS 75W-90
	Units	
Appearance		Amber Liquid
Odour		Oily
Odour Threshold		No data available
pH		Not applicable
Pour point/range	**°C**	No data available
Initial boiling point and range	**°C**	No data available
Flash point (COC)	**°C**	220
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/m³**	0.868 @ 20°C
Solubility - water	**kg/m³**	Insoluble
Partition coefficient n-octanol/water		No data available
Autoignition temperature		No data available
Decomposition temperature		No data available

Viscosity	**mm²/s**	105.8 @ 40°C
	mm²/s	15.5 @ 100°C
Evaporation rate		Not applicable
Vapour density		Not applicable
Explosive properties		Not applicable
Oxidising properties		None

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	Keep away from fire, sparks and heated surfaces
10.5 Incompatible materials	Incompatible with strong acids and oxidising agents
10.6 Hazardous decomposition products	No hazardous decomposition products are known

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	Very low toxicity
12.2 Persistence and Degradability	Not readily biodegradable
12.3 Bioaccumulative Potential	Base oil hydrocarbons are possibly accumulative
12.4 Mobility in Soil	The product is insoluble in water and mainly not volatile. Product can penetrate soil until reaching the surface of ground water. Degradation occurs extremely slowly under anaerobic conditions. Base oil hydrocarbons can be adsorbed onto organic material in soil or sediment (log Kow > 6)
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).

SECTION 15 REGULATORY INFORMATION

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.

SECTION 16 OTHER INFORMATION

Fourth Issue September 2018
Third Issue July 2015: Changed name
Second Issue February 2015: Deletion of other information under Section 3
First Issue November 2014: Changed to new format

Full text of classification data in sections 2 and 3

Asp. Tox. 1; H304	Aspiration hazard, Hazard Category 1; May be fatal if swallowed and enters airways