



**EXCELLENCE IN LUBRICANTS**

## **SAFETY DATA SHEET**

**Syngear SW 150**



**EXOL LUBRICANTS LIMITED**

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# SAFETY DATA SHEET

## Syngear SW 150

Product Code: G135

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

1.1 Product Identifier	Syngear SW 150
Product Code	G135
1.2 Relevant identified uses of the substance or mixture and uses advised against	Gear Oil 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: 02/11/2015

### 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. %
Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene	270-128-1	-	Aquatic Chronic 3; H412	1 - 5

### SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	If difficulties occur after vapor/aerosol has been inhaled, remove to fresh air and seek medical attention.
Eyes	Wash affected eyes for at least 15 minutes under running water with eyelids held open.
Skin	Wash thoroughly with soap and water.
Ingestion	Rinse mouth and then drink plenty of water.
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	Treat according to symptoms. No known specific antidote.

### SECTION 5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media	Suitable extinguishing media: water spray, dry powder, foam.
5.2 Specific hazards arising from the substance or mixture	Harmful vapours. Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.
5.3 Advice for fire-fighters	Special protective equipment: Wear self-contained breathing apparatus.

### SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	Use personal protective clothing. Breathing protection required.
6.2 Environmental precautions	Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.
6.3 Methods and material for containment and cleaning up	For large amounts: pump off product. For residues: pick up with suitable absorbent material. Dispose of absorbed material in accordance with regulations
6.4 Reference to other sections	Personal protective equipment: See section 8



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## SECTION 7 HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Use only in well ventilated areas. Ensure that workrooms are adequately ventilated. Avoid aerosol formation. Extract when the product is heated. Protection against fire and explosion: Take precautionary measures against static discharges.
- 7.2 Conditions for safe storage, including any incompatibilities** Segregate from oxidants. Segregate from reducing agents. Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Steel container, Stainless steel, carbon steel (iron) Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.
- 7.3 Specific end use(s)** See section 1.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- | Country | Substance | Long Term (8 Hours TWA) | Short Term (15 Mins) |
|---------|-----------|-------------------------|----------------------|
|         |           | None assigned           | None assigned        |
- 8.2 Exposure controls**
- Hand Protection** Chemical resistant protective gloves
  - Eye Protection** Safety glasses with side shields
  - Body Protection** Protective suit
  - Respiratory Protection** In case of vapour/aerosol release – particle filter with medium efficiency for solid and liquid particles.
  - General Safety and Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Avoid contact with skin and eyes. Remove soiled or soaked clothing immediately. Wash off any contamination that gets onto the skin with plenty of water and soap, skin care.

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

#### Typical Values

Grades:	Units	Syngear SW 150
Appearance		Light Yellow Liquid
Odour		Characteristic
Odour Threshold		No data available
pH		No data available
Pour point/range	°C	No data available
Initial boiling point and range	°C	No data available
Flash point (PMCC)	°C	>260
Auto Flammability	°C	No data available
Upper/lower flammability or explosive limits		No data available
Vapour pressure	kPa (0.1 mm Hg)	No data available
Relative density	kg/m <sup>3</sup>	0.9960 @ 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	150 @ 40°C
Evaporation rate		Not applicable
Vapour density		No data available
Explosive properties		Not explosive
Oxidising properties		None

### 9.2 Other Information

None



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## 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	Reacts with oxidising agents. Reacts with strong acids.
10.4 Conditions to avoid	No conditions to avoid anticipated
10.5 Incompatible materials	Oxidising agents and reducing agents
10.6 Hazardous decomposition products	No hazardous decomposition products known

## SECTION 11 TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

<b>Acute Toxicity</b>	Virtually non-toxic after a single ingestion LD50 rat (oral) >5,000 mg/kg
<b>Corrosivity/Irritation</b>	Not irritating to skin or eyes
<b>Sensitisation</b>	Non sensitising
<b>Mutagenicity</b>	No data available
<b>Carcinogenicity</b>	The whole of the information available provides no indication of a carcinogenic effect
<b>Reproductive Toxicity</b>	No data available

## SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity	Toxicity to Fish: LC50 > 100 mg/l – The product has not been tested. The statement has been derived from products of a similar structure or composition. Microorganisms/Effect on activated sludge: EC50 > 100 mg/l – The product has not been tested. The statement has been derived from products of a similar structure or composition.
12.2 Persistence and Degradability	Poorly biodegradable
12.3 Bioaccumulative Potential	Significant accumulation in organisms is not to be expected
12.4 Mobility in Soil	Assessment between environmental compartments: The substance will not evaporate into the atmosphere from the water surface
12.5 Results of PBT and vPvB Assessment	No PBT or vPvB chemicals present.
12.6 Other Adverse Effects	Do not discharge product into the environment without control. The product has not been tested. The statements on ecotoxicology have been derived from the properties of the individual components.

## SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods  
Must be disposed or incinerated in accordance with local 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

Third Issue  
Second Issue November 2012: Changed to new format

Full text of classification data in sections 2 and 3  
Aquatic Chronic 3; H412 Harmful to aquatic life with long lasting effects