



**EXCELLENCE IN LUBRICANTS**

## *SAFETY DATA SHEET*

Ultramax 15



**EXOL LUBRICANTS LIMITED**

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# SAFETY DATA SHEET


## Ultramax 15

Product Code: H004

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

1.1 Product Identifier	Ultramax 15
Product Code	H004
1.2 Relevant identified uses of the substance or mixture and uses advised against	Hydraulic 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: 04/02/2016

### SECTION 2 HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture	<b>CLP Classification:</b> Asp. Tox. 1; H304
<i>See section 16 for full text of H Statements</i>	
2.2 Label Elements	Labelling in accordance with CLP
	
	<b>DANGER</b> (H304) May be fatal if swallowed and enters airways
	(P301)+(P310) If swallowed – Immediately call a poison centre or doctor/physician.
	(P331) Do NOT induce vomiting.
	(P405) Store locked up.
	(P501) Dispose of contents and container as hazardous waste.
2.3 Other Hazards	Not considered to be carcinogenic under IARC. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 DMSO test.

### SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

3.2 Mixtures	Component	EC No.	REACH Reg. No.	GHS Classification	Conc. %
	Hydrocarbons, C16-C20, n-alkanes, isoalkanes, cyclics, aromatics (2-30%)	919-006-8	01-2119455996-19	Aquatic Chronic 4; H413 Asp. Tox. 1; H304 EUH066	<20
	Distillates (Petroleum), Hydrotreated Heavy Paraffinic	265-157-1/ 64742-54-7	01-2119484627-25	Asp. Tox. 1; H304	80-85
	Distillates (Petroleum), Solvent-Dewaxed Heavy Paraffinic	265-169-7/ 64742-65-0	01-2119471299-27	Asp. Tox. 1; H304	80-85

### 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.



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**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** Foam, carbon dioxide or dry chemical. Water can be used to cool and protect exposed material.
- 5.2 Specific hazards arising from the substance or mixture** Toxic fumes, gases or vapours may be evolved on burning. Vapours may be heavier than air and may travel along the ground to a distant ignition source and flash back. See Stability and Reactivity, Section 10 of this Safety Data Sheet.
- 5.3 Advice for fire-fighters** Wear self-contained breathing apparatus. Water may cause splattering.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Immediately evacuate all personnel from danger area. Wear Personal Protective Equipment. Eliminate all sources of heat, sparks, pilot lights, static electricity and open flames. Spilled material may make surfaces slippery.
- 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. Protect drains using drain covers. Dispose of as hazardous waste.
- 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. Use a suitable barrier cream at regular intervals.
- 7.2 Conditions for safe storage, including any incompatibilities** Keep out of the reach of children. Store under cover away from heat and sources of ignition.
- 7.3 Specific end use(s)** Intended for use as a hydraulic oil.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
- | Country | Substance | Long Term (8 Hours TWA) | Short Term (15 Mins) |
|---------|-----------|-------------------------|----------------------|
|         |           |                         |                      |
- 8.2 Exposure controls**
- Use local exhaust ventilation to control mists or vapours.
- Hand Protection:** Nitrile or neoprene protective gloves
- Eye Protection:** Safety glasses
- Skin Protection:** Protective clothing
- Hygiene Measures:** Wash thoroughly after handling this product



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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:

#### Appearance

#### Odour

#### Odour Threshold

#### pH

#### Pour point/range

#### Initial boiling point and range

#### Flash point (COC)

#### Flammability

#### Upper/lower flammability or explosive limits

#### Vapour pressure

#### Relative density

#### Solubility - water

- Fat/solvents

#### Partition coefficient n-octanol/water

#### Autoignition temperature

#### Decomposition temperature

#### Viscosity

#### Evaporation rate

#### Vapour density

#### Explosive properties

#### Oxidising properties

#### Units

°C

°C

°C

kPa (0.1 mm Hg)

kg/m<sup>3</sup>

#### Log Pow

mm<sup>2</sup>/s

Ultramax 15

Amber Liquid

Oily

No data available

Not applicable

No data available

No data available

183

Not flammable

Not applicable

No data available

0.863 @ 20°C

Insoluble

Soluble

Not applicable

No data available

No data available

15.09 @ 40°C

Not applicable

Not applicable

Not applicable

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

Avoid high temperatures and strong oxidising agents

### 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.

## SECTION 11 TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### Acute Toxicity

##### - Oral

No toxic components present at levels to cause classification.

##### - Inhalation

No toxic components present at levels to cause classification.

##### - Dermal

No toxic components present at levels to cause classification.

#### 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.



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## SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity	Not classified as dangerous for the environment. No ecotoxic chemicals present.
12.2 Persistence and Degradability	Not biodegradable.
12.3 Bioaccumulative Potential	No data available.
12.4 Mobility in Soil	Spillages may penetrate the soil causing ground water contamination. Non-volatile.
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

Where possible, arrange for product to be recycled.  
Dispose of via an authorised person/ licensed waste disposal contractor in accordance with local regulations.  
Incineration may be carried out under controlled conditions provided that local regulations for emissions are met.

## SECTION 14 TRANSPORT INFORMATION

Not classified as hazardous for transport (ADR, RID, UN , 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  
Third Issue February 2015: Changed composition information  
Second Issue March 2013: Changed to new format and classification  
Previous version October 2012: Changed to Reach version 2 format

### Full text of classification data in sections 2 and 3

H304	May be fatal if swallowed and enters airways
H413	May cause long lasting harmful effects to the aquatic environment
EUH066	Repeated exposure may cause skin dryness or cracking