



**EXCELLENCE IN LUBRICANTS**

## **SAFETY DATA SHEET**

**Heavy Duty Fleetwash**



**EXOL LUBRICANTS LIMITED**

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## Heavy Duty Fleetwash

Product Code: D003

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

1.1 Product Identifier	Heavy Duty Fleetwash
Product Code	D003
1.2 Relevant identified uses of the substance or mixture and uses advised against	Hard surface cleaner. 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: 16/06/2016

### SECTION 2 HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture <i>See section 16 for full text of H Statements</i>	<b>CLP Classification:</b> Eye Dam. 1: H318 Skin Irrit. 2: H315 Causes skin irritation. Causes serious eye damage
2.2 Label Elements	Labelling in accordance with CLP  <b>DANGER</b> H315 Causes skin irritation H318 Causes serious eye damage P280 Wear protective gloves/protective clothing/eye protection/face protection P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a first aider P332+P313 If skin irritation occurs: Get medical advice. P362 Take off contaminated clothing
2.3 Other Hazards	This product is not identified as a PBT/vPvB substance

### SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

3.2 Mixtures Component	CAS/ EC No.	REACH Reg. No.	GHS Classification	DSD Classification	Conc. %
Alcohols, C9-11 Ethoxylated	68439-46-3	Not Available	Eye Dam. 1: H318 Acute Tox. 4: H302	-	1-5
Disodium Metasilicate	229-912-9 6834-92-0	Not Available	Skin Corr. 1B: H314 STOT SE 3: H335	Xn; R22 Xi; R41	1-5



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## SECTION 4 FIRST AID MEASURES

### 4.1 Description of first aid measures

- Inhalation** Remove casualty from exposure ensuring one's own safety whilst doing so.
- Eyes** Bathe the eye with running water for 15 minutes. Consult a doctor.
- Skin** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
- Ingestion** Wash out mouth. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

### 4.2 Most important symptoms and effects, both acute and delayed

- Skin contact:** There may be irritation and redness at the site of contact.
- Eye contact:** There may be pain and redness. The eyes may water profusely. May cause permanent damage.
- Ingestion:** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

- Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Immediate effects can be expected after short-term exposure. Eye bathing equipment should be available on the premises.

## SECTION 5 FIRE-FIGHTING MEASURES

- 5.1 Extinguishing media** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
- 5.2 Specific hazards arising from the substance or mixture** In combustion emits toxic fumes.
- 5.3 Advice for fire-fighters** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

## SECTION 6 ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures** Do not attempt to take action without suitable protective clothing – see Section 8 of the SDS. Turn leaking containers leak-side up to prevent the escape of liquid.
- 6.2 Environmental precautions** Do not discharge into drains or rivers. Contain the spillage using bunding.
- 6.3 Methods and material for containment and cleaning up** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method
- 6.4 Reference to other sections** Personal protective equipment: See section 8

## SECTION 7 HANDLING AND STORAGE

- 7.1 Precautions for safe handling** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area.
- 7.2 Conditions for safe storage, including any incompatibilities** Store in a cool, well ventilated area. Keep container tightly closed.
- 7.3 Specific end use(s)** No data available.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters** No data available.
- 8.2 Exposure controls**
- Engineering measures:** Ensure there is sufficient ventilation of the area.
- Respiratory protection:** Self-contained breathing apparatus must be available in case of emergency.
- Hand protection:** Protective gloves.
- Eye protection:** Safety glasses with side-shields. Ensure eye bath is to hand.
- Skin protection:** Protective clothing.



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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:		Heavy Duty Fleetwash
	<b>Units</b>	
Appearance		Colourless fluid
Odour		Perceptible odour
Odour Threshold		Not determined
pH		13.0 typical
Melting point	°C	0
Initial boiling point and range	°C	100
Flash point (COC)	°C	Not applicable
Flammability		Not applicable
Upper/lower flammability or explosive limits		Not applicable
Vapour pressure	kPa (0.1 mm Hg)	Not applicable
Relative density	kg/m <sup>3</sup>	1.040 typical
Solubility - water		Highly soluble
Partition coefficient n-octanol/water	Log Pow	No data available
Autoignition temperature		Not applicable
Decomposition temperature		No data available
Viscosity	mm <sup>2</sup> /s	Non-viscous
Evaporation rate		Slow
Vapour density		Not determined
Explosive properties		Not applicable
Oxidising properties		Not applicable

9.2 Other Information No data available

## SECTION 10 | STABILITY AND REACTIVITY

10.1 Reactivity	Stable under recommended transport or storage conditions
10.2 Chemical stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below
10.4 Conditions to avoid	Heat. Hot surfaces.
10.5 Incompatible materials	Strong oxidising agents, strong acids.
10.6 Hazardous decomposition products	In combustion emits toxic fumes.

## SECTION 11 | TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects  
Hazardous Ingredients

Alcohols, C9-11 Ethoxylated;	Oral, Rat, LD50 – 500 mg/kg
Disodium metasilicate;	Oral, MUS, LD50 – 770 mg/kg
	Oral, Rat, LD50 – 1153 mg/kg

Relevant Hazards for this Product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms/Routes of Exposure

- **Eyes** There may be pain and redness at the site of contact. The eyes may water profusely. May cause permanent damage.
- **Skin** There may be irritation and redness at the site of contact.
- **Inhalation** There may be irritation of the throat with a feeling of tightness in the chest.
- **Ingestion** There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.



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## SECTION 12 ECOLOGICAL INFORMATION

<b>12.1 Toxicity</b>	Alcohols, C9-11 Ethoxylated Daphnia Magna - 48H EC50 - >10-100 mg/l Scenedesmus Subspicatus - 72H ErC50 - >10-100 mg/l
<b>12.2 Persistence and Degradability</b>	The surfactant(s) contained in this preparation complies (comply) with the Biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents, (or are undergoing testing to obtain a derogation within the terms of the directive). Data to support this assertion are held at the disposal of the Competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.
<b>12.3 Bioaccumulative Potential</b>	No bioaccumulation potential
<b>12.4 Mobility in Soil</b>	Readily absorbed into soil.
<b>12.5 Results of PBT and vPvB Assessment</b>	This product is not identified as a PBT/vPvB substance.
<b>12.6 Other Adverse Effects</b>	Negligible ecotoxicity

## SECTION 13 DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

Transfer to a suitable container and arrange for collection by specialised disposal company.

## 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>	-
<b>14.2 UN Proper Shipping Name</b>	-
<b>14.3 Transport Hazard Class</b>	-
<b>14.4 Packing Group</b>	-
<b>14.5 Environmental Hazards</b>	-
<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>	No formal chemical safety assessment has been carried out.

## SECTION 16 OTHER INFORMATION

Seventh Issue  
Sixth Issue February 2015: Changed composition and classification information  
Fifth Issue April 2012: Changed to new format  
Previous version August 2011: Changed to Reach version 2 format

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

Eye Dam. 1; H318	Serious eye damage/irritation, Hazard Category 1; Causes serious eye damage
Skin Irrit. 2; H315	Skin irritation, Hazard Category 2; Causes skin irritation
Acute Tox. 4; H302	Acute toxicity, oral, Hazard Category 4; Harmful if swallowed
Skin Corr. 1B; H314	Skin corrosion/irritation, Hazard Category 1B; Causes severe skin burns and eye damage
STOT SE 3; H335	Specific target organ toxicity, single exposure; Respiratory tract irritation, Hazard Category 3; May cause respiratory irritation