



EXCELLENCE IN LUBRICANTS

SAFETY DATA SHEET

Medic White 68



EXOL LUBRICANTS LIMITED

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Medic White 68

Product Code: L132

SECTION 1	IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING
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1.1 Product Identifier	Medic White 68
Product Code	L132
1.2 Relevant identified uses of the substance or mixture and uses advised against	Cosmetic and medicinal industry use 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: 09/08/2016

SECTION 2	HAZARD IDENTIFICATION
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2.1 Classification of the substance or mixture	CLP Classification: Not classified as harmful to health Not classified as dangerous for the environment
<i>See section 16 for full text of H</i>	
2.2 Label Elements	Labelling in accordance with CLP None
2.3 Other Hazards	No data available.

SECTION 3	COMPOSITION/ INFORMATION ON INGREDIENTS
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3.2 Mixtures					
Ingredients	EC No. / CAS No.	REACH Reg. No.	GHS Classification	DSD Classification	Conc. %
White Mineral Oil (petroleum)	232-455-8 / 8042-47-5	01-2119487078-27-xxxx	-	-	100%

SECTION 4	FIRST AID MEASURES
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4.1 Description of first aid measures	
Eyes	Flush thoroughly with water for at least 15 minutes. If irritation occurs, get medical assistance.
Skin	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
Ingestion	Contact physician if larger quantity has been consumed.
Inhalation	In case of inhalation of spray mist: Move person into fresh air and keep at rest.
4.2 Most important symptoms and effects, both acute and delayed	None given
4.3 Indication of immediate medical attention and special treatment needed, if necessary	None given

SECTION 5	FIRE-FIGHTING MEASURES
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5.1 Extinguishing media	Use water fog, foam, dry powder or carbon dioxide (CO2) to extinguish flames. DO NOT USE straight streams of water.
5.2 Specific hazards arising from the substance or mixture	Smoke, fume, incomplete combustion products, carbon dioxide (CO2) and carbon monoxide (CO).



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5.3 Advice for fire-fighters

Evacuate area. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply. Fire fighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus. Use water spray to cool fire exposed surfaces and to protect personnel.

SECTION 6 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal precautions, protective equipment and emergency procedures** In case of spills, beware of slippery floors and surfaces. Follow precautions for safe handling described in this data sheet.
- 6.2 **Environmental precautions** Do not discharge into drains, water courses or onto the ground. Protect drains by covering to avoid any spillage entering the drainage system.
- 6.3 **Methods and material for containment and cleaning up** Non-hazardous substance – absorb with sand or other inert absorbent. Recover the product and place in a suitable container for reuse.
- 6.4 **Reference to other sections** Personal protective equipment: See section 8

SECTION 7 HANDLING AND STORAGE

- 7.1 **Precautions for safe handling** Avoid forming spray/aerosol mists
- 7.2 **Conditions for safe storage, including any incompatibilities** Store in tightly closed original container in a cool, dry well-ventilated 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)
UK	Oil mist	5mg/m ³	-
- 8.2 **Exposure controls**
 - Process Conditions:** Use engineering controls to reduce air contamination to permissible exposure level.
 - Engineering Measures:** Provide sufficient ventilation during operations which cause oil mists to be formed.
 - Respiratory Protection:** No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.
 - Hand Protection:** For prolonged or repeated skin contact use suitable protective gloves.
 - Eye Protection:** Wear approved chemical safety goggles where eye exposure is reasonably probable.
 - Hygiene Measures:** Wash at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 **Information on basic physical and chemical properties** Does not constitute a specification

Typical Values	Units	Medic White 68
Grades:		Medic White 68
Appearance		Colourless Liquid
Odour		Odourless
Odour Threshold		No data available
pH		No applicable – not water soluble
Relative density	kg/m ³	0.872 @ 20°C
Solubility - water		Insoluble
Melting point	°C	-12
Initial boiling point and range	°C	400-535°C
Flash point (PMCC)	°C	220°C
Flammability (solid, gas)		Not flammable
Upper/lower flammability or explosive limits		No data available
Vapour pressure	kPa (0.1 mm Hg) @ 20°C	No data available



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Partition coefficient n-octanol/water	Log Pow	No data available
Autoignition temperature		>250°C
Decomposition temperature		No data available
Viscosity	mm ² /s	240 cSt @ 20°C
Evaporation rate		No data available
Vapour density		No data available
Explosive properties		None
Oxidising properties		None

9.2 Other Information None

SECTION 10 STABILITY AND REACTIVITY

10.1 Reactivity	No particular stability concerns.
10.2 Chemical stability	Stable under normal temperature conditions and recommended use
10.3 Possibility of hazardous reactions	Will not polymerise
10.4 Conditions to avoid	Avoid excessive heat for prolonged periods of time
10.5 Incompatible materials	None given
10.6 Hazardous decomposition products	By fire, toxic gases (CO, CO ₂ , NO _x) may be formed

SECTION 11 TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute Toxicity	
-Oral	LD50 Rat >5000 mg/kg.
-Inhalation	LC50 Rat >5200 ppm/4hr
Corrosivity/Irritation	Not expected to cause irritation
Sensitisation	
-Skin	Not expected to be a skin sensitiser.
-Respiratory	Not expected to be a respiratory sensitiser.
Repeated-dose Toxicity	No data available.
Mutagenicity	Not expected to be a germ cell mutagen.
Carcinogenicity	Not expected to cause cancer.
Reproductive Toxicity	Not expected to be a reproductive toxicant.

SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity	LC50, 96 hrs, FISH mg/l > 400,000 ppm (Rainbow Trout 0% mortality)
12.2 Persistence and Degradability	>50% in 28 days
12.3 Bioaccumulative Potential	Bioaccumulation is unlikely to be significant because of the low water solubility of this product.
12.4 Mobility	The product is insoluble in water and will spread on the water surface
12.5 Results of PBT and vPvB Assessment	Not classified as PBT/vPvB by current EU criteria.
12.6 Other Adverse Effects	None given

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product is suitable for energy recovery in appropriate incinerators. This product is also suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

SECTION 14 TRANSPORT INFORMATION

Not regulated for Transport



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14.1 UN Number	-
14.2 UN Proper Shipping Name	-
14.3 Transport Hazard Class	-
14.4 Packing Group	-
14.5 Environmental Hazards	Not classified as an Environmentally hazardous substance/Marine Pollutant
14.6 Special Precautions for User	-
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not classified according to Annex II

SECTION 15 REGULATORY INFORMATION

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

EU Directives:

- Solvents Emissions Directive 1999/13/EC – not in scope.
- Major Accidents Directive 96/82/CEE – not in scope.
- Drug Precursor Regulation (EC) 273/2004 – not scheduled
- Chemical Weapons Convention – not scheduled.
- Export and Import of Dangerous Chemicals Regulation (EC) 689/2008 - not in scope
- Ozone Layer Depletion Regulation (EC) 2037/2000 – not scheduled
- Persistent Organic Pollutants Regulation (EC) 850/2004 - not scheduled.

UK Legislation: The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (CHIP4). The list of Wastes (England) Regulations 2005 (SI 2005 No 895).

A chemical safety assessment has been carried out for the substance that makes up this material.

15.2 Chemical Safety Assessment

SECTION 16 OTHER INFORMATION

Third Issue
Second Issue July 2015: Added Cas No.
First Issue April 2003: revised to re-format to REACH version 2.

Full text of classification data in sections 2 and 3