



EXCELLENCE IN LUBRICANTS

SAFETY DATA SHEET

White Food Grease WFM 84



EXOL LUBRICANTS LIMITED

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White Food Grease WFM 84

Product Code: Z018

SECTION 1	IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF COMPANY/UNDERTAKING
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1.1 Product Identifier	White Food Grease WFM 84
Product Code	Z018
1.2 Relevant identified uses of the substance or mixture and uses advised against	For use in lubricating systems. 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: 13/11/2015

SECTION 2	HAZARD IDENTIFICATION
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2.1 Classification of the substance or mixture	CLP Classification: No classification required Not classified as dangerous for the Environment
<i>See section 16 for full text of H Statements</i>	
2.2 Label Elements	Labelling in accordance with CLP None
2.3 Other Hazards	PBT: This substance is not identified as a PBT substance.

SECTION 3	COMPOSITION/ INFORMATION ON INGREDIENTS
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3.2 Mixtures					
Hazardous Ingredients	CAS No.	REACH Reg. No.	GHS Classification	DSD Classification	Conc. %
High Molecular Weight Tackiness Additive	204-881-4	01-2119565113-46	Aquatic Acute 1, H400 Aquatic Chronic 1, H410	-	<1.5
Highly refined base oils (Viscosity <20cSt at 40C)	842-47-5	01-2119487078-27	Aspir. Haz 1, H304	-	30-50

The Mineral oil contains less than 3% DMSO extract as measured by IP 346

SECTION 4	FIRST AID MEASURES
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4.1 Description of first aid measures	
Eyes	Wash out eyes with plenty of water. Obtain medical attention if soreness or redness persists.
Skin	Wash skin with soap and water. If grease has been injected under the skin, seek medical advice immediately.
Ingestion	Do not induce vomiting. Obtain medical attention.
Inhalation	No risk from inhalation.
4.2 Most important symptoms and effects, both acute and delayed	No ill effects. Eye contact – Minor irritation and redness. Immediately wash out with plenty of water.
4.3 Indication of immediate medical attention and special treatment needed, if necessary	Not applicable.



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SECTION 5 FIRE-FIGHTING MEASURES

- 5.1 **Extinguishing media** Use water spray to cool containers. Use foam, dry chemical, carbon dioxide or suitable extinguishing media.
- 5.2 **Specific hazards arising from the substance or mixture** This product may give rise to hazardous fumes in a fire.
- 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** See Section 8 for protective equipment.
Wash down floor area as spillage may be slippery. Larger spillage should be contained with sand or earth and collected in salvage container for disposal.
- 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. Absorb into dry earth or sand. Protect drains using drain covers. Dispose of as hazardous waste.
- 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 direct contact with the substance - Wear gloves. Care should be taken with dispensing equipment not to inject product under the skin.
- 7.2 **Conditions for safe storage, including any incompatibilities** Store in a cool well-ventilated area.
- 7.3 **Specific end use(s)** Industrial lubricant

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	Substance	Long Term (8 Hours TWA)	Short Term (15 Mins)
Country None assigned			
8.2 Exposure controls	Hand Protection: Eye Protection: Skin Protection: Respiratory Protection:	PVC gloves Wear glasses if there is a risk of splashing Normal work wear Not normally required.	

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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

Typical Values		
Appearance		Light Brown Smooth Grease
Grades:		Food Grease WFM 84
Odour		Odourless
Odour Threshold		No data available
pH		Neutral
Relative density	kg/l	0.82 - 0.85
Solubility - water		Insoluble
Solubility - oil		Soluble
Melting Point	°C	>200
Initial boiling point and range	°C	No data available
Flash point (PMCC)	°C	>200
Flammability		>200



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Upper/lower flammability or explosive limits		No data available
Vapour pressure	kPa (0.1 mm Hg)	Not applicable
Partition coefficient n-octanol/water	Log Pow	Not applicable
Autoignition temperature	°C	>200
Decomposition temperature		No data available
Viscosity	mm ² /s	No data available
Evaporation rate		Not applicable
Vapour density		Not applicable
Explosive properties		No data available
Oxidising properties		None

9.2 Other Information Not Applicable.

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	Heat.
10.5 Incompatible materials	Strong oxidising agents
10.6 Hazardous decomposition products	Combustion will generate: smoke, carbon dioxide and 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 cause classification as an eye irritant.
- Skin	No components present that are cause classification as a skin irritant.
- Respiratory Tract	No components present that are cause classification as a respiratory irritant.
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	No information available.
12.2 Persistence and Degradability	Only slightly biodegradable.
12.3 Bioaccumulative Potential	This product, as supplied, is not expected to bio-accumulate.
12.4 Mobility in Soil	This product is poorly absorbed onto soils and sediments. Non-volatile.
12.5 Results of PBT and vPvB Assessment	This substance is not identified as a PBT or vPvB substance.
12.6 Other Adverse Effects	None known.

SECTION 13 DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Product Disposal: Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations. **Hazardous Waste:** Within the present knowledge of the supplier, this product is not regarded hazardous waste, as defined by EU Directive 91/689/EEC.



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SECTION 14 | TRANSPORT INFORMATION

Not classified as dangerous goods for carriage under ADR/RID/AND/IMDG/ICAO/IATA regulations.

14.1 UN Number	None
14.2 UN Proper Shipping Name	None
14.3 Transport Hazard Class	None
14.4 Packing Group	None
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 applicable to packaged goods

SECTION 15 | REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	Supply regulations: classified as non-hazardous under DPD/GHS/CLP criteria. Transport regulations classified as non-hazardous under ADR/RID/IMDG/ICAO/IATA.
15.2 Chemical Safety Assessment	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

SECTION 16 | OTHER INFORMATION

Fourth issue
Third Issue March 2015: Changed information composition.
Second Issue November 2013: Changed to new format.
Previous version May 1997: Changed to Reach version 2 format

Full text of classification data in sections 2 and 3

Asp. Haz. 1; H304	May be fatal if swallowed and enters airways
Aquatic Acute 1; H400	Very toxic to aquatic life
Aquatic Chronic 1; H410	Very toxic to aquatic life with long lasting effects