



**EXCELLENCE IN LUBRICANTS**

## *SAFETY DATA SHEET*

Foodshield Plus Range



**EXOL LUBRICANTS LIMITED**

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# Food shield Plus Range

Product Code: Various

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

- 1.1 **Product Identifier** Food shield Plus Range  
**Product Code**
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against** Food-safe grease for all plain and anti-friction bearings used in harsh environments. Do not use in any other application.
- 1.3 **Company** Extol Lubricants Limited  
All Saints Road  
Eynesbury,  
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: 17/02/2015

## SECTION 2 HAZARD IDENTIFICATION

- 2.1 **Classification of the substance or mixture** **CLP Classification:**  
No classification required  
Not classified as dangerous for the Environment  
-----  
**Classification to DPD (1999/45/EC) and CHIP**  
No classification required  
**Labelling in accordance with CLP**  
None  
  
**Labelling in accordance with CHIP**  
None
- See section 16 for full text of H and R phrases*
- 2.2 **Label Elements**
- 2.3 **Other Hazards** PBT: This substance is not identified as a PBT substance.

## SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

- 3.2 **Mixtures**
- | Hazardous Ingredients | CAS No. | REACH Reg. No. | GHS Classification | DSD Classification | Conc. % |
|-----------------------|---------|----------------|--------------------|--------------------|---------|
| None                  |         |                |                    |                    |         |

## SECTION 4 FIRST AID MEASURES

- 4.1 **Description of first aid measures**
- Eyes** Wash out eye 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** Eye contact – Minor irritation and redness.
- 4.3 **Indication of immediate medical attention and special treatment needed, if necessary** Not applicable.

## 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.



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- 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.  
Transfer into suitable containers for recovery or 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.
- 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** Wear gloves. Avoid direct contact.
- 7.2 **Conditions for safe storage, including any incompatibilities** Store in a cool well-ventilated area.
- 7.3 **Specific end use(s)** Intended for use as food-safe grease.

## SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 **Control parameters**
- | Country       | Substance | Long Term (8 Hours TWA) | Short Term (15 Mins) |
|---------------|-----------|-------------------------|----------------------|
| None assigned |           |                         |                      |
- 8.2 **Exposure controls**
- |                                |  |
|--------------------------------|--|
| <b>Hand Protection:</b>        | PVC gloves                                   |
| <b>Eye Protection:</b>         | Wear glasses if there is a risk of splashing |
| <b>Skin Protection:</b>        | Normal work wear                             |
| <b>Respiratory Protection:</b> | N/A  |

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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

### Typical Values

Grades:		Foodshield Plus Range
Appearance		Off-white smooth adhesive semi-fluid to stiff grease
Odour		Odourless
Odour Threshold		No data available
pH		Not applicable
Relative density	kg/m <sup>3</sup>	0.82 – 0.85 (measured as Kg/litre)
Solubility - water		Insoluble
Melting Point	°C	>200
Initial boiling point and range	°C	No data available
Flash point (PMCC)	°C	>200
Flammability		Not flammable at ambient temperatures
Upper/lower flammability or explosive limits		No data available



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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 <sup>2</sup> /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	Stable at ambient temperatures.
10.2 Chemical stability	Stable under normal conditions of use
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
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 classified as eye irritants.
- Skin No components present that are classified as skin irritants.
- 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.

## SECTION 12 ECOLOGICAL INFORMATION

12.1 Toxicity	No data available.
12.2 Persistence and Degradability	Only slightly biodegradable.
12.3 Bioaccumulative Potential	Product is not expected to bio-accumulate.
12.4 Mobility in Soil	Non-volatile. The product is poorly absorbed onto soils or sediments.
12.5 Results of PBT and vPvB Assessment	This substance is not identified as a PBT substance.
12.6 Other Adverse Effects	None known.

## SECTION 13 DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Methods

Send to registered waste disposal site using services of a registered waste disposal contractor. Disposal of packaging: Dispose of as normal industrial waste. **NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.



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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: 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	A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

## SECTION 16 | OTHER INFORMATION

Second Issue  
Previous Issue June 2012: Changed to new format