

**MATERIAL SAFETY DATA SHEET****PRODUCT NAME : FOMBLIN RT15 GREASE****1. Product and Company Identification**

Product Name: Fomblin RT15 Grease

Synonyms: None

Item Numbers : H113-50-013

**European Contact Details**BOC Edwards, Manor Royal, Crawley,  
West Sussex, RH10 2LW, EnglandGeneral enquiries

UK : +44 (0) 1293 528844

France : +(33) 1 47 98 24 01

Germany : +(49) 6420-82-410

Italy : +(39) 248-4471

**US Contact Details**BOC Edwards, 301 Ballardvale Street,  
Wilmington, MA 01887General enquiries

+(1) 978-658-5410

Toll Free: 800-848-9800

24 Hr Emergency telephone number:

Chemtrec : 1-800-424-9300

**2. Composition/Information on Ingredients**

Ingredient	% Weight	Classification	Risk Phrase	CAS No
PTFE thickened fully fluorinated fluids (perfluoropolyether liquid, blended with polytetrafluoroethylene telomers)	80	Non hazardous	Not Applicable	Not Applicable
PTFE thickened fully fluorinated fluids (perfluorofluoro-polyether PTFE)	20	Non hazardous	Not Applicable	Not Applicable

**3. Hazards Identification****EMERGENCY OVERVIEW**

Excessive or prolonged skin contact may lead to dermatitis

For short and long term exposure effects see Toxicological data section 11

**Route of Entry**

Skin Contact	Skin Absorption	Eye Contact	Inhalation	Ingestion
Yes	No	Yes	No	Yes

MATERIAL SAFETY DATA SHEET**PRODUCT NAME : FOMBLIN RT15 GREASE****Health Effects**

Exposure Limits	Irritant	Sensitisation
No	No	No
Teratogen	Reproductive Hazard	Mutagen
No	No	No

Synergistic : [The product is not synergistic.](#)

Eye Effects: [May cause stinging](#)

Skin Effects: [None, except on prolonged or repeated exposure, which may lead to dermatitis](#)

Oral Effects: [Ingestion of large quantities may lead to nausea](#)

Inhalation Effects: [In normal conditions, breathing of fumes should be avoided but long term toxic effects are unlikely. Inhalation of thermal decomposition products may lead to polymer fume fever \(24 to 48 hour influenza-like symptoms\)](#)

NFPA Hazard codes		HMIS Hazard codes		Rating System
Health	<a href="#">Not Available</a>	Health	<a href="#">Not Available</a>	0 = No Hazard
Flammability	<a href="#">Not Available</a>	Flammability	<a href="#">Not Available</a>	1 = Slight hazard
Reactivity	<a href="#">Not Available</a>	Reactivity	<a href="#">Not Available</a>	2 = Moderate Hazard
				3 = Serious Hazard
				4 = Severe hazard

**4. First Aid Measures**

**Eyes:** [Flush with water for at least 10 minutes. If irritation persists, refer for medical attention](#)

**Skin:** [Wash thoroughly with soap and water](#)

**Inhalation:** [Not applicable in normal use.](#)

**Ingestion:** [DO NOT Induce vomiting. Obtain medical attention IMMEDIATELY](#)

**Other Information:** [None](#)

## MATERIAL SAFETY DATA SHEET

### **PRODUCT NAME : FOMBLIN RT15 GREASE**

#### **5. Fire Fighting Measures**

Extinguishing Media: Carbon dioxide, powder or foam. DO NOT use water jet.

Fire and Explosion Hazard: Exposure to high temperatures will produce acrid and toxic thermal decomposition products

Special Protective Equipment for Fire Fighters: Use self-contained breathing apparatus where large quantities are involved

Hazardous Decomposition: Exposure to high temperatures will produce acrid and toxic thermal decomposition products

For Flammability Properties - see section 9

#### **6. Accidental Release Measures**

Land Spill: Immediately wipe up. Remove any residue with fluorinated solvents

#### **7. Handling and Storage**

Minimum temperature 0 °C, maximum temperature 40 °C.

DO NOT smoke while using the product. Wash hands thoroughly before smoking. When a grease gun is used, take care not to inject grease under the skin.

#### **8. Exposure Controls/Personal Protection**

##### **Exposure Limits**

Ingredient	ACGIH - TLV	OSHA - PEL	Occupational Exposure Limits EH40 (UK)
Not Applicable	Not Applicable	Not Applicable	Not Applicable

##### **Personal Protection:**

Engineering Measures: Local exhaust ventilation not required in normal use. Mechanical ventilation not required in normal use.

Respiratory Protection: No specific measures required under normal conditions, avoid inhaling fumes at elevated temperatures.

Hand/Skin Protection: Use plastic gloves where necessary, or a good quality barrier cream

Eye/Face Protection: Use safety glasses

Hygiene Measures: DO NOT eat or smoke whilst using the product. Wash hands before eating or smoking.

Other/General Protection: Overalls should be laundered regularly

**MATERIAL SAFETY DATA SHEET****PRODUCT NAME : FOMBLIN RT15 GREASE****9. Physical and Chemical Properties**

Appearance and Odour	Soft white paste	Boiling Point	N/A	°C	N/A	°F
pH (as supplied)	Neutral	Melting Point	N/A	°C	N/A	°F
Solubility in Water	Not soluble	Freezing Point	N/A	°C	N/A	°F
Volatile Content by Volume	<5%	Auto Ignition	>200	°C	>392	°F
Specific Gravity	2.0	Flash Point	>200	°C	>392	°F
Vapour Pressure	5x10 <sup>-9</sup> @ 20°C	Vapour Pressure (Torr)	value range - @ °F			
Flash Point Method	Not Known					

N/A = Not Applicable

**10. Stability and Reactivity**

Stability:	Stable in normal conditions of use.
Material/Conditions to Avoid:	Avoid alkaline metals and ammonia. Avoid heating above 260°C/500°F
Hazardous Decomposition:	Thermal decomposition products, Hydrogen Fluoride (TLV/TWA 2.5 mg/m3), Carbonyl Fluoride (TLV/TWA 5 mg/m3)
Hazardous Polymerisation:	Does not polymerise

**11. Toxicological Information**

For a comprehensive description for the various toxicological (health) effects which may arise if the user comes into contact with the substance or preparation refer to Section 3 Hazards Identification.

**Animal Data:**

LD50 value: Not known

LC50 value: Not known

Tumorigenic : No

Reproductive : No

Mutagenic : No

Others : None

Carcinogenicity : No known effect

## MATERIAL SAFETY DATA SHEET

**PRODUCT NAME : FOMBLIN RT15 GREASE**

### 12. Ecological Information

#### Elimination

Persistence	No data currently available
Degradability	No data currently available

#### Behaviour in the Aquatic Compartment

Mobility	No data currently available
Bio accumulation	No data currently available

#### Ecotoxicity

Aquatic	No data currently available
Terrestrial	No data currently available

### 13. Disposal Considerations

Incinerate in suitable equipment. Dispose of in waste skip/authorised landfill

### 14. Transport Information

The product is not classified as dangerous in the meaning of transport regulations.

PARAMETER	EUROPEAN	CANADIAN TDG	UNITED STATES DOT
Proper Shipping Name	Not Applicable	Not Available	Not Applicable
Hazard Class	Not Applicable	Not Available	Not Applicable
Identification Number	Not Applicable	Not Available	Not Applicable
Shipping Label	Not Applicable	Not Available	Not Applicable

## MATERIAL SAFETY DATA SHEET

**PRODUCT NAME : FOMBLIN RT15 GREASE**

### 15. Regulatory Information

#### European Regulatory Information

This product has been classified in accordance with the Dangerous Substances Directive (67/548/EEC, as amended) and the Preparations Directive (88/379/EEC, as amended), implemented in the UK as the Chemical (Hazard Information and Packing) Regulations 1994 (CHIP).

Dangerous to supply : [The product is not classified as dangerous to supply](#)  
Risk Phrases : [Not Applicable](#)  
Safety Phrases : [Not Applicable](#)  
Symbols : [Not Applicable](#)

#### United States Regulatory Information

[Not Available.](#)

#### Canadian Regulatory Information

[Not Available](#)

### 16. Other Information

[HSE SHW 397 : Effects of mineral oil on the skin \(cautionary notice\)](#)

[HSE Guidance Note EH58 : The Carcinogenicity of mineral oils](#)

[HSE HS\(G\) 71 : The storage of packaged dangerous substances](#)

[HSE HS\(G\) 51 : The storage of flammable liquids in containers](#)

[SI 1972/917 : The highly flammable liquids and liquefied petroleum gasses regulations 1972](#)

[ECTOC technical Report no 26 : The assessment of carcinogenic hazard for human beings exposed to methylene chloride \(dichloromethane\)](#)

[HSE Guidance Note EH62 : Metalworking fluids - health precautions](#)

[HSE Guidance Note EH44 : Dust : general principles of protection](#)

[HSE Guidance Note EH16: Isocyanates : Toxic hazards and precautions](#)

**Glossary :** **CAS**, Chemical Abstracts Service. **TWA**, Time-Weighted Average. **STEL**, Short Term Exposure Limit. **NFPA**, National Fire Protection Association. **HMIS**, Hazardous Material Information Service. **LD**, Lethal Dose. **LC**, Lethal Concentration. **OSHA**, Occupational Safety and Health Administration, US department of Labour. **ACGIH**, American Conference of Governmental Industrial Hygienists.

**PRODUCT NAME : FOMBLIN RT15 GREASE****Revisions**

This document has been reformatted. Individual changes are not highlighted.

---

Although the information and recommendations in this data sheet are to the best of our knowledge correct, it is recommended that you make your own determination of the material's suitability for your purpose before you use it. The information contained in this data sheet has been reproduced from the manufacturers data, the accuracy of this information is the responsibility of the manufacturer. BOC Edwards accept no responsibility for damage of any nature resulting from the use of, or the reliance upon this data sheet.