



**SAFETY DATA SHEET**  
FOODLUBE SPRAY GREASE

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Compilation date: 03/10/2014

Revision No: 4

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** FOODLUBE SPRAY GREASE

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of substance / mixture:** PC24: Lubricants, greases, release products.

**1.3. Details of the supplier of the safety data sheet**

**Company name:** ROCOL

ROCOL House

Swillington

Leeds

West Yorkshire

LS26 8BS

ENGLAND

**Tel:** +44 (0) 113 232 2700

**Fax:** +44 (0) 113 232 2740

**Email:** [customer-service@rocol.com](mailto:customer-service@rocol.com)

**1.4. Emergency telephone number**

**Emergency tel:** +44 (0) 113 232 2600

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** Aquatic Chronic 3: H412; Flam. Aerosol 1: H222; -: H229

**Classification under CHIP:** F+: R12; -: R52/53; -: R66; -: R67

**Most important adverse effects:** Extremely flammable aerosol. Pressurised container: May burst if heated. Harmful to aquatic life with long lasting effects.

**2.2. Label elements**

**Label elements under CLP:**

**Hazard statements:** H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated

H412: Harmful to aquatic life with long lasting effects.

**Signal words:** Danger

**Hazard pictograms:** GHS02: Flame



[cont...]

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**Precautionary statements:** P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C.  
P251: Pressurized container: Do not pierce or burn, even after use.  
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.  
P211: Do not spray on an open flame or other ignition source.  
P285: In case of inadequate ventilation wear respiratory protection.  
P273: Avoid release to the environment.

**2.3. Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance.

**Section 3: Composition/information on ingredients**

**3.2. Mixtures**

**Hazardous ingredients:**

HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE) - REACH registered number(s): EXEMPT

EINECS	CAS	CHIP Classification	CLP Classification	Percent
270-704-2	68476-85-7	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	50-70%

CYCLOPENTANE

206-016-6	287-92-3	-	Flam. Liq. 2: H225; Aquatic Chronic 3: H412	30-50%
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**Section 4: First aid measures**

**4.1. Description of first aid measures**

**Skin contact:** Wash immediately with plenty of soap and water.  
**Eye contact:** Bathe the eye with running water for 15 minutes.  
**Ingestion:** Wash out mouth with water. Do not induce vomiting.  
**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so.

**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 irritation and redness. The eyes may water profusely.  
**Ingestion:** There may be soreness and redness of the mouth and throat. May cause dizziness.  
**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**4.3. Indication of any immediate medical attention and special treatment needed**

**Section 5: Fire-fighting measures**

**5.1. Extinguishing media**

**Extinguishing media:** Do not use water. Alcohol resistant foam. Dry chemical powder. Carbon dioxide. Use water spray to cool containers.

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**5.2. Special hazards arising from the substance or mixture**

**Exposure hazards:** Extremely flammable. Forms explosive air-vapour mixture. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**5.3. Advice for fire-fighters**

**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**

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Eliminate all sources of ignition.

**6.2. Environmental precautions**

**Environmental precautions:** Do not discharge into drains or rivers.

**6.3. Methods and material for containment and cleaning up**

**Clean-up procedures:** Do not use equipment in clean-up procedure which may produce sparks. 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**

**Section 7: Handling and storage**

**7.1. Precautions for safe handling**

**Handling requirements:** Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Smoking is forbidden.

**7.2. Conditions for safe storage, including any incompatibilities**

**Storage conditions:** Store in cool, well ventilated area. Keep away from sources of ignition. Keep away from direct sunlight. Ensure lighting and electrical equipment are not a source of ignition.

**Suitable packaging:** Must only be kept in original packaging.

**7.3. Specific end use(s)**

**Section 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Hazardous ingredients:**

[cont...]

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**HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE)**

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1000ppm 1750mg/m3	1250ppm 2180mg/m3	-	-

**DNEL/PNEC Values**

**Hazardous ingredients:**

**CYCLOPENTANE**

Type	Exposure	Value	Population	Effect
DNEL	Dermal	432 mg/kg/day	Workers	Systemic
DNEL	Inhalation	3000 mg/m3	Workers	Systemic

**8.2. Exposure controls**

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** Respiratory protection not normally required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses with side-shields.

**Skin protection:** Protective clothing.

**Section 9: Physical and chemical properties**

**9.1. Information on basic physical and chemical properties**

**State:** Aerosol

**Colour:** White

**Odour:** Characteristic odour

**Evaporation rate:** Fast

**Oxidising:** Non-oxidising (by EC criteria)

**Solubility in water:** Not miscible

**Viscosity:** Non-viscous

**Boiling point/range°C:** <0

**Melting point/range°C:** < 0

**Flammability limits %: lower:** 1.8

**upper:** 9.4

**Flash point°C:** -100

**Autoflammability°C:** >200

**Vapour pressure:** > 2000

**Relative density:** 0.6

**9.2. Other information**

**Other information:** No data available.

**Section 10: Stability and reactivity**

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**10.1. Reactivity**

**10.2. Chemical stability**

**Chemical stability:** Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

**10.4. Conditions to avoid**

**Conditions to avoid:** Direct sunlight. Heat. Sources of ignition.

**10.5. Incompatible materials**

**Materials to avoid:** Strong oxidising agents. Strong reducing agents.

**10.6. Hazardous decomposition products**

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

**Section 11: Toxicological information**

**11.1. Information on toxicological effects**

**Hazardous ingredients:**

**CYCLOPENTANE**

ORAL	RAT	4H LC50	>25.3	mg/l
ORAL	RAT	LD50	>5000	mg/kg

**Toxicity values:** No data available.

**Symptoms / routes of exposure**

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat. May cause dizziness.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest.

**Section 12: Ecological information**

**12.1. Toxicity**

**Hazardous ingredients:**

**CYCLOPENTANE**

Daphnia magna	48H EC50	51.1	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H LC50	29.3	mg/l

**12.2. Persistence and degradability**

**Persistence and degradability:** Only slightly biodegradable.

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**12.3. Bioaccumulative potential**

**Bioaccumulative potential:** No bioaccumulation potential.

**12.4. Mobility in soil**

**Mobility:** Highly volatile. Readily absorbed into soil.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:** This product is not identified as a PBT/vPvB substance.

**12.6. Other adverse effects**

**Other adverse effects:** Harmful to aquatic organisms.

**Section 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal of packaging:** Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

**Section 14: Transport information**

**14.1. UN number**

**UN number:** UN1950

**14.2. UN proper shipping name**

**Shipping name:** AEROSOLS  
(HYDROCARBON AEROSOL PROPELLANT (<0.1% 1,3-BUTADIENE);  
CYCLOPENTANE)

**14.3. Transport hazard class(es)**

**Transport class:** 2

**14.4. Packing group**

**Packing group:** 2.1

**14.5. Environmental hazards**

**Environmentally hazardous:** No

**Marine pollutant:** No

**14.6. Special precautions for user**

**Section 15: Regulatory information**

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

**15.2. Chemical Safety Assessment**

[cont...]

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**Section 16: Other information**

**Other information**

**Other information:** Contains only FDA listed ingredients. NSF H1 registered.

EC Directive 94/1/EC adapting some technicalities of Council Directive 75/324/EEC on the approximation of the laws of Member States relating to aerosol dispensers.

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Compiled in accordance with REACH.

**Phrases used in s.2 and s.3:** H220: Extremely flammable gas.

H222: Extremely flammable aerosol.

H225: Highly flammable liquid and vapour.

H229: Pressurised container: May burst if heated

H280: Contains gas under pressure; may explode if heated.

H412: Harmful to aquatic life with long lasting effects.

R12: Extremely flammable.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

**Legend to abbreviations:** PNEC = predicted no effect level

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

SKN = skin

[cont...]

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DRM = dermal

OCC = ocular/corneal

PCP = phycico-chemical properties

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide.

This company shall not be held liable for any damage resulting from handling or from contact with the above product.