



SAFETY DATA SHEET
PUROL SPRAY GREASE

Page: 1

Compilation date: 10/12/2014

Revision No: 2

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

1.1. Product identifier

Product name: PUROL SPRAY GREASE

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

Use of substance / mixture: Light lubricant and anti-stick agent.

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

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: Flam. Aerosol 2: H223; -: H229

Classification under CHIP: F+: R12

Most important adverse effects: Flammable aerosol. Pressurised container: May burst if heated.

2.2. Label elements

Label elements under CLP:

Hazard statements: H223: Flammable aerosol.

H229: Pressurised container: May burst if heated

Signal words: Warning

Hazard pictograms: GHS02: Flame



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.

[cont...]

SAFETY DATA SHEET

PUROL SPRAY GREASE

Page: 2

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.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.

P501: Dispose of contents/container to local/national regulations.

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%

MEDICINAL WHITE OIL - REACH registered number(s): 01-2119487078-27-XXXX

232-455-8	8042-47-5	Substance with a Community workplace exposure limit.	Asp. Tox. 1: H304	30-50%
-----------	-----------	--	-------------------	--------

CALCIUM CARBONATE

2151-79-6	1317-65-3	Substance with a Community workplace exposure limit.	-	<2%
-----------	-----------	--	---	-----

Section 4: First aid measures

4.1. Description of first aid measures

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

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

[cont...]

SAFETY DATA SHEET

PUROL SPRAY GREASE

Page: 3

5.1. Extinguishing media

Extinguishing media: Do not use water.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Extremely flammable.

5.3. Advice for fire-fighters

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Wear suitable protective clothing, particularly eye protection. Refer to Section 8 for further details. Turn leaking containers leak-side up to prevent the escape of liquid.

Mechanically ventilate the spillage area whilst avoiding the formation of explosive concentrations - see section 9 of SDS. 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: Soak into absorbent granules, sand or earth and collect solids into a suitable marked container for proper disposal. Thoroughly clean spillage area as spillages can be slippery. Remove sources of ignition. Do not use equipment in clean-up procedure which may produce sparks. 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. Wear suitable eye protection and protective gloves. Smoking is forbidden.

7.2. Conditions for safe storage, including any incompatibilities

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

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

[cont...]

SAFETY DATA SHEET

PUROL SPRAY GREASE

Page: 4

Hazardous ingredients:

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	-	-

MEDICINAL WHITE OIL

UK	5 mg/m3	-	-	-
----	---------	---	---	---

CALCIUM CARBONATE

UK	-	-	4 mg/m3	-
----	---	---	---------	---

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure eye wash stations and safety showers are readily accessible.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Aerosol

Colour: Off-white

Odour: Barely perceptible odour

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Kinematic viscosity: <=20.5

Viscosity test method: Kinematic viscosity in 10⁻⁶ m²/s at 40°C (ISO 3104/3105)

Boiling point/range°C: >35

Flammability limits %: lower: 1.1

upper: 8.7

Flash point°C: -100

Autoflammability°C: 360

Vapour pressure: 0.35 bar

Relative density: 0.7

pH: Approx. 7

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

[cont...]

SAFETY DATA SHEET

PUROL SPRAY GREASE

Page: 5

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

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

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids. Strong bases. 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:

MEDICINAL WHITE OIL

DERMAL	RBT	LD50	>2000	mg/kg
ORAL	RAT	LD50	>5000	mg/kg

CALCIUM CARBONATE

ORAL	RAT	LD50	>2000	mg/kg
------	-----	------	-------	-------

Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

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:

[cont...]

SAFETY DATA SHEET

PUROL SPRAY GREASE

Page: 6

MEDICINAL WHITE OIL

MYSID SHRIMP (<i>Mysidopsis bahia</i>)	96H LC50	>500,000	mg/l
RAINBOW TROUT (<i>Oncorhynchus mykiss</i>)	96H LC50	>400,000	mg/l

CALCIUM CARBONATE

ALGAE	72H ErC50	>100	mg/l
DAPHNIA	48H EC50	>100	mg/l
FISH	96H LC50	>100	g/l

12.2. Persistence and degradability

Persistence and degradability: Only slightly biodegradable.

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

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Deposit into or on to land (e.g. landfill, etc.)

Recovery operations: Oil re-refining or other reuses of oil.

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

14.3. Transport hazard class(es)

Transport class: 2

14.4. Packing group

[cont...]

SAFETY DATA SHEET

PUROL SPRAY GREASE

Page: 7

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Tunnel code: E

Transport category: 3

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

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

* indicates text in the SDS which has changed since the last revision.

Compiled in accordance with REACH.

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

H223: Flammable aerosol.

H229: Pressurised container: May burst if heated

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

H304: May be fatal if swallowed and enters airways.

R12: Extremely flammable.

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

[cont...]

SAFETY DATA SHEET

PUROL SPRAY GREASE

Page: 8

IVN = intravenous

SCU = subcutaneous

SKN = skin

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.