

OXYLUBE SPRAY

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Revision No: 2

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

1.1. Product identifier

Product name: OXYLUBE SPRAY

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

Use of substance / mixture: Dry film lubricant.

## **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:	Skin Irrit. 2: H315; STOT SE 3: H336; Aquatic Chronic 2: H411; Flam. Aerosol 1: H222; -:
	H229
Most important adverse effects:	Extremely flammable aerosol. Pressurised container: May burst if heated. Causes skin
	irritation. May cause drowsiness or dizziness. Toxic to aquatic life with long lasting
	effects.

### 2.2. Label elements

Label elements:	
Hazard statements:	H222: Extremely flammable aerosol.
	H229: Pressurised container: May burst if heated
	H315: Causes skin irritation.
	H336: May cause drowsiness or dizziness.
	H411: Toxic to aquatic life with long lasting effects.
Hazard pictograms:	GHS02: Flame

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GHS07: Exclamation mark

GHS09: Environmental



Signal words: Danger

Precautionary statements: P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C. P251: Do not pierce or burn, even after use. P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211: Do not spray on an open flame or other ignition source. P271: Use only outdoors or in a well-ventilated area. P280: Wear protective gloves/protective clothing/eye protection/face 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	PBT / WEL	CLP Classification	Percent	
270-704-268476-85-7Substance with a Community workplace exposure limit.Flam. Gas 1: H220; Press. Gas: H28050-70%					
HYDROCARBONS C7-C9, ISOALKANES - REACH registered number(s): 01-2119471305-42-0000					

921-728-3	-	-	Flam. Liq. 2: H225; Skin Irrit. 2: H315;	10-30%
			Aquatic Chronic 2: H411; STOT SE 3:	
			H336; Asp. Tox. 1: H304	

#### MOLYBDENUM DISULPHIDE

215-263-91317-33-5Substance with a Community workplace exposure limit.	-	1-10%
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# 1-BUTANOL, TITANIUM(4+) SALT (4:1), HOMOPOLYMER

-	9022-96-2	-	Eye Irrit. 2: H319	1-10%	
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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. Consult a doctor.

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

Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor.

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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 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. Drowsiness or mental confusion may occur.

Delayed / immediate effects: No data available.

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

Immediate / special treatment: No data available.

Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

Extinguishing media: Do not use water. Alcohol resistant foam. Carbon dioxide. Dry chemical powder. Use

water spray to cool containers.

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

Exposure hazards: 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.

## 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: Mix with sand or vermiculite. Transfer to a closable, labelled salvage container for

disposal by an appropriate method.

## 6.4. Reference to other sections

Reference to other sections: Refer to section 13 of SDS.

### 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.

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# 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

## 7.3. Specific end use(s)

Specific end use(s): No data available.

# Section 8: Exposure controls/personal protection

8.1. Control parameters

# Hazardous ingredients:

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

## Workplace exposure limits:

Sta	ate	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
l	IK	1000ppm 1750mg/m3	1250ppm 2180mg/m3	-	-

# HYDROCARBONS C7-C9, ISOALKANES

UK	1400 mg/m3 RCP TWA	-	-	-

# MOLYBDENUM DISULPHIDE

	UK	-	-	15mg/m3	10mg/m3
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**DNEL/PNEC** Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures:Ensure there is sufficient ventilation of the area.Respiratory protection:Respiratory protection not normally required.Hand protection:Protective gloves.Eye protection:Safety glasses with side-shields.Skin protection:Protective clothing.Environmental:No data available

# Section 9: Physical and chemical properties

# 9.1. Information on basic physical and chemical properties

State:	Aerosol
Colour:	Black
Odour:	Characteristic odour
Evaporation rate:	Fast
Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Not miscible
Viscosity:	Non-viscous

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Respirable dust

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Flash point°C: <21

Vapour pressure: 4270

#### 9.2. Other information

Other information: No data available.

#### Section 10: Stability and reactivity

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: No data available.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Heat.

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

#### Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

## 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. Drowsiness or mental confusion may occur.

Delayed / immediate effects: No data available.

#### Section 12: Ecological information

Melting point/range°C: -100

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Autoflammability°C: >200

# Relative density: <1

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### 12.1. Toxicity

### Hazardous ingredients:

## HYDROCARBONS C7-C9, ISOALKANES

Daphnia magna	48H EC50	2.4	mg/l
Pseudokirchneriella	72H ErC50	6.3	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H ErC50	18.4	mg/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

Other adverse effects: Toxic to aquatic organisms.

# Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations:	Transfer to a suitable container and arrange for collection by specialised disposal
	company.
Recovery operations:	No data available
Waste code number:	16 05 05
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, FLAMMABLE

14.3. Transport hazard class(es)

Transport class: 2

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Marine pollutant: Yes

## 14.4. Packing group

Packing group: n/a

14.5. Environmental hazards

Environmentally hazardous: Yes

14.6. Special precautions for user

Special precautions: No data available

# 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk: No data available.

Section 15: Regulatory information

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

### Specific regulations: No data available

#### 15.2. Chemical Safety Assessment

**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

#### Other information

Other information:	This safety data sheet is prepared in accordance with Commission Regulation (EU) No
	2015/830.
	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.
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.
	H304: May be fatal if swallowed and enters airways.
	H315: Causes skin irritation.
	H319: Causes serious eye irritation.
	H336: May cause drowsiness or dizziness.
	H411: Toxic to aquatic life with long lasting effects.
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.