

TUFGEAR SPRAY

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

1.1. Product identifier

Product name: TUFGEAR SPRAY

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

Use of substance / mixture: Open gear 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 3: H412; 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. Harmful 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.	
	H412: Harmful to aquatic life with long lasting effects.	
Hazard pictograms:	GHS02: Flame	
	GHS07: Exclamation mark	[cont]

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Signal words: Danger

 Precautionary statements:
 P410+P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122

 °F.
 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.

P285: In case of inadequate ventilation wear respiratory protection.

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

P302+P352: IF ON SKIN: Wash with plenty of water.

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		
270-704-2	70-704-2 68476-85-7 Substance with a Community workplace exposure limit. Flam. Gas 1: H220; Press. Gas: H280		50-70%			
HYDROCARBONS C7-C9, ISOALKANES - REACH registered number(s): 01-2119471305-42						
921-728-3 64741-66-8 - Flam. Liq. 2: H225; Skin Irrit. 2: H315; Aquatic Chronic 2: H411; STOT SE 3: H336; Asp. Tox. 1: H304						

200-662-2	67-64-1 - Flam. Liq. 2: H225; Eye Irrit. 2: H319;		1-10%	
			STOT SE 3: H336; -: EUH066	

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. Consult a doctor.

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

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

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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: Show this safety data sheet to the doctor in attendance.

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: 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

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

Section 7: Handling and storage

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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 a 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)

Specific end use(s): No special requirement.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

HYDROCARBONS C7-C9, ISOALKANES

Workplace exposure limits:			Respirable dust	
State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1400 mg/m3 RCP TWA	-	-	-

ACETONE

UK 1210 mg/m3 3620 mg/m3

DNEL/PNEC Values

Hazardous ingredients:

ACETONE

Туре	Exposure	Value	Population	Effect
DNEL	Dermal	186	Workers	Local
DNEL	Inhalation	2420	Workers	Local
DNEL	Oral	62	Consumers	Systemic
PNEC	Fresh water	10.6	-	-
PNEC	Marine water	1.06	-	-
PNEC	Soil (agricultural)	33.3	-	-
PNEC	-	-	-	-

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 in well ventilated area. In case of insufficient
	ventilation use: Gas/vapour filter, type A: organic vapours (EN141).

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Page: 5 Hand protection: Protective gloves. Nitrile 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 **Boiling point/range°C:** < 0 Melting point/range°C: < -130 Flammability limits %: lower: 1.8 **upper:** 9.4 Flash point°C: < -100 Part.coeff. n-octanol/water: No data available. Autoflammability°C: > 200 Vapour pressure: > 210 **Relative density:** < 1 pH: No data available. VOC q/I: 511

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

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.

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Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ACETONE

IVN	RAT	LD50	5500	mg/kg
ORL	MUS	LD50	3	gm/kg
ORL	RAT	LD50	5800	mg/kg

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

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

ACETONE

BLUEGILL (Lepomis macrochirus) LC50 8300 mg/l	
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12.2. Persistence and degradability

Persistence and degradability: Only slightly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

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12.4. Mobility in soil

Mobility: Highly volatile. Heavier than air.

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 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: 2.1

14.4. Packing group

Packing group: n/a

14.5. Environmental hazards

Environmentally hazardous: No

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

Marine pollutant: No

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

Specific regulations: Not applicable.

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.
	Safety data sheet prepared in accordance with Commission Directive 2008/47/EC of 8
	April 2008 amending, for the purposes of adapting to technical progress, Council
	Directive 75/324/EEC relating to aerosol dispensers
	Compiled in accordance with REACH.
Phrases used in s.2 and s.3:	EUH066: Repeated exposure may cause skin dryness or cracking.
	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.
	H412: Harmful 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.