



SAFETY DATA SHEET
RTD SPRAY

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Revision date: 02/05/2018

Revision No: 11

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

1.1. Product identifier

Product name: RTD SPRAY

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

Use of substance / mixture: Lubricant for reaming, tapping and drilling.

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 1: H222; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Lact.: H362; -: EUH066; -: EUH208; -: H229

Most important adverse effects: Repeated exposure may cause skin dryness or cracking. Contains terpineol. May produce an allergic reaction. Extremely flammable aerosol. Pressurised container: May burst if heated. May cause harm to breast-fed children. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: EUH066: Repeated exposure may cause skin dryness or cracking.

EUH208: Contains terpineol. May produce an allergic reaction.

H222: Extremely flammable aerosol.

H229: Pressurised container: May burst if heated.

H362: May cause harm to breast-fed children.

H400: Very toxic to aquatic life.

H410: Very toxic to aquatic life with long lasting effects.

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Hazard pictograms: GHS02: Flame

GHS09: Environmental



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.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P263: Avoid contact during pregnancy and while nursing.

P264: Wash hands, forearms and face thoroughly after handling.

P270: Do not eat, drink or smoke when using this product.

P273: Avoid release to the environment.

2.3. Other hazards

Other hazards: No data available.

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	68476-85-7	Substance with a Community workplace exposure limit.	Flam. Gas 1: H220; Press. Gas: H280	30-50%

C14-C17 CHLORINATED PARAFFIN - REACH registered number(s): 01-2119519269-33

287-477-0	85535-85-9	-	Lact.: H362; Aquatic Chronic 1: H410; Aquatic Acute 1: H400; -: EUH066	10-30%
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CYCLOPENTANE - REACH registered number(s): 01-2119463053-47

206-016-6	287-92-3	-	Flam. Liq. 2: H225; Aquatic Chronic 3: H412	10-30%
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TERPINEOL - REACH registered number(s): 01-2119553062-49 / 01-2119982324-34

232-268-1	8000-41-7	-	Flam. Liq. 3: H226; Skin Sens. 1B: H317; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Asp. Tox. 1: H304; Aquatic Chronic 2: H411	<1%
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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.

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 irritation of the throat.

Inhalation: No symptoms.

Delayed / immediate effects: No data available.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

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. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

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6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: 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 8 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.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

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

Workplace exposure limits: No data available.

DNEL/PNEC Values

Hazardous ingredients:

C14-C17 CHLORINATED PARAFFIN

Type	Exposure	Value	Population	Effect
DNEL	Inhalation (repeated dose)	6.7 mg/m ³	Workers	-
DNEL	Dermal (repeated dose)	47.9 mg/kg bw/day	Workers	-
DNEL	Oral	0.58 mg/kg bw/day	Consumers	-
DNEL	Dermal	28.75 mg/kg bw/day	Consumers	-
DNEL	Inhalation	2.0 mg/m ³	Consumers	-
PNEC	Fresh water	1 ug/l	-	-
PNEC	Marine water	0.2 ug/l	-	-

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PNEC	Microorganisms in sewage treatment	80 mg/l	-	-
PNEC	Fresh water sediments	5 mg/kg	-	-
PNEC	Marine sediments	1 mg/kg	-	-
PNEC	Soil (agricultural)	10.5 mg/kg Wet	-	-

CYCLOPENTANE

Type	Exposure	Value	Population	Effect
DNEL	Dermal (repeated dose)	432 mg/m ³	Workers	Systemic
DNEL	Inhalation (repeated dose)	3000 mg/m ³	Workers	Systemic
DNEL	Dermal	214 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation	643 mg/m ³	Consumers	Systemic
DNEL	Oral	214 mg/kg bw/day	Consumers	Systemic

8.2. Exposure controls

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

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: Brown

Odour: Characteristic odour

Evaporation rate: Fast

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Also soluble in: No data available

Viscosity: Non-viscous

Viscosity test method: n/a

Boiling point/range°C: <0

Melting point/range°C: No data available.

Flammability limits %: lower: 1.8

upper: 9.4

Flash point°C: -100

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: No data available.

Vapour pressure: No data available.

Relative density: No data available.

pH: No data available.

VOC g/l: 445

[cont...]

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9.2. Other information

Other information: Not applicable.

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.
Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

C14-C17 CHLORINATED PARAFFIN

ORAL	RAT	LD50	> 2000	mg/kg
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CYCLOPENTANE

ORL	MUS	LD50	12800	mg/kg
ORL	RAT	LD50	11400	mg/kg

TERPINEOL

DERMAL	RAT	LD50	>2000	mg/kg
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 irritation of the throat.

[cont...]

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Inhalation: No symptoms.

Delayed / immediate effects: No data available.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

C14-C17 CHLORINATED PARAFFIN

ALGAE	96H ErC50	>3.2	mg/l
Daphnia magna	48H EC50	0.006	mg/l
FISH	96H LC50	>5000	mg/l

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

Persistence (P-):

days

Half-life in marine water: <60

Persistence result: not P-

Bioaccumulation (B-):

Bioaccumulation result: not B-

Toxicity (T-):

Toxicity result: not T-

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

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil 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 04

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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: Yes

Marine pollutant: Yes

14.6. Special precautions for user

Special precautions: No special precautions.

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.

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.

EUH208: Contains <name of sensitising substance>. May produce an allergic reaction.

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H220: Extremely flammable gas.
H222: Extremely flammable aerosol.
H225: Highly flammable liquid and vapour.
H226: 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.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H362: May cause harm to breast-fed children.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
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.