



**SAFETY DATA SHEET**  
WD SPRAY

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Compilation date: 09/12/2014

Revision No: 9

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

**1.1. Product identifier**

**Product name:** WD SPRAY

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

**Use of substance / mixture:** Water displacing, penetrating, lubricating and corrosion protection

**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:** Flam. Aerosol 2: H223; -: H229

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

**2.2. Label elements**

**Label elements:**

**Hazard statements:** H223: Flammable aerosol.

H229: Pressurised container: May burst if heated

**Hazard pictograms:** GHS02: Flame



**Signal words:** Warning

**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

[cont...]

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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.

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

P264: Wash thoroughly after handling.

## 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:

##### HYDROTREATED NAPHTHENIC DISTILLATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
265-097-6	64741-96-4	Substance with a Community workplace exposure limit.	Asp. Tox. 1: H304	30-50%

##### CALCIUM DINONYLNAPHTHALENESULPHONATE

260-991-2	57855-77-3	-	Skin Irrit. 2: H315; Eye Irrit. 2: H319	2-10%
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##### CARBON DIOXIDE AEROSOL PROPELLANT

204-696-9	124-38-9	Substance with a Community workplace exposure limit.	Press. Gas: H280	2-10%
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##### CYCLOHEXANONE

203-631-1	108-94-1	-	Flam. Liq. 3: H226; Acute Tox. 4: H332	<2%
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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. 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.

### 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.

[cont...]

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## 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. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

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

**Exposure hazards:** Flammable. 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:** 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 a cool, well ventilated area. Keep away from sources of ignition. 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...]

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**Hazardous ingredients:**

## HYDROTREATED NAPHTHENIC DISTILLATE

**Workplace exposure limits:**

**Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5mg/m <sup>3</sup>	10mg/m <sup>3</sup>	-	-

## CARBON DIOXIDE AEROSOL PROPELLANT

UK	5000ppm 9150mg/m <sup>3</sup>	15000ppm 27400mg/m <sup>3</sup>	-	-
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## CYCLOHEXANONE

UK	10 ppm	20 ppm	-	-
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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 for normal use in well ventilated areas. Respiratory protection should be used in enclosed spaces, with poor ventilation, for extended repeated use, or where exposure limits may be exceeded. Recommended filter types are A1P2 or A2P2.

**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:** Yellow-brown

**Odour:** Aromatic

**Evaporation rate:** Negligible

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

**Solubility in water:** Insoluble

**Viscosity:** Oily

**Boiling point/range°C:** 195

**Melting point/range°C:** < 0

**Flammability limits %: lower:** 0.9

**upper:** 8

**Flash point°C:** 70

**Autoflammability°C:** > 200

**Vapour pressure:** < 0.1

**Relative density:** < 1

### 9.2. Other information

**Other information:** No data available.

[cont...]

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## Section 10: Stability and reactivity

### 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:**

#### HYDROTREATED NAPHTHENIC DISTILLATE

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

#### CYCLOHEXANONE

ORL	MUS	LD50	1400	mg/kg
ORL	RAT	LD50	1620	µl/kg
SCU	RAT	LD50	2170	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. Drowsiness or mental confusion may occur.

## Section 12: Ecological information

### 12.1. Toxicity

[cont...]

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**Hazardous ingredients:**

## HYDROTREATED NAPHTHENIC DISTILLATE

ALGAE	48H EC50	> 100	mg/l
FISH	96H LC50	> 100	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:** Non-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 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

### 14.4. Packing group

### 14.5. Environmental hazards

**Environmentally hazardous:** No

**Marine pollutant:** No

### 14.6. Special precautions for user

## Section 15: Regulatory information

[cont...]

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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.

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.

Compiled in accordance with REACH.

**Phrases used in s.2 and s.3:** H223: Flammable aerosol.

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.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

**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.