

WD Spray

Multi-purpose penetrating, lubricating and water displacing spray

Product Overview

ROCOL® WD Spray is a multi-purpose maintenance product that penetrates, lubricates, displaces water and protects against corrosion.

It is ideal for use as a general lubricant to lubricate and protect small components such as hinges and locks.

The product is also particularly suitable for the protection and drying out of engine ignition systems, coils distributors, high tension (HT) leads and spark plugs.

Typical Applications

Small industrial equipment, engine ignition systems, hinges and locks, seized components.

Features and Benefits

- Excellent penetration.
- Efficient loosening of rust, scale, grease and general dirt and grime.
- Powerful jet application to mechanically penetrate rust and debris.
- Displaces water – ideal for drying out engine ignition systems.
- Fast acting formulation.
- Provides a light anti-corrosive film to protect components after application.

Directions for Storage and Use

- Shake aerosol well before use.
- Test compatibility with plastics and rubbers and painted or coated surfaces prior to application.
- Ensure electrical equipment is switched off and is electrically isolated.
- Hold can upright and apply from a distance of 15 – 30cm
- In severe cases, applying the product for a second time after several minutes may be beneficial to displace residual moisture or to free seized components.
- Use only in well ventilated areas and do not apply to very hot surfaces.
- Store below +50°C, out of direct sunlight.
- Shelf life is 2 years from date of manufacture.
- Consult safety data sheet before use.

Pack Sizes

Pack Size	Part Code
300ml	34271

WD Spray

Multi-purpose penetrating, lubricating and water displacing spray

Property	Test Method	Result
Appearance	Visual	Amber liquid
Base Type	N/A	Mineral oil
Solvent	N/A	Hydrocarbon
Propellant	N/A	CO ₂ (Carbon dioxide)
Odour	N/A	Characteristic
Density (kg/m ³)	RTM 3	0.87
Flash Point (°C)	PMCC	>75°C
Water Solubility	N/A	Insoluble

Values quoted above are typical and do not constitute a specification.

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

Issue: 1 Date: 01-11

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BS EN ISO 9001
Certificate No. FM 12448



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Certificate No. OHS 78173



INVESTORS
IN PEOPLE



SAFETY DATA SHEET
WD SPRAY

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Compilation date: 22/11/2012

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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

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 CHIP: -: R10; -: R66

Most important adverse effects: Flammable. Repeated exposure may cause skin dryness or cracking.

2.2. Label elements

Label elements under CHIP:

Hazard symbols: Flammable.



Risk phrases: R10: Flammable.

R66: Repeated exposure may cause skin dryness or cracking.

Safety phrases: S38: In case of insufficient ventilation, wear suitable respiratory equipment.

Precautionary phrases: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking. Keep out of the reach of children.

[cont...]

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2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

HYDROTREATED NAPHTHENIC DISTILLATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
265-097-6	64741-96-4	Substance with a Community workplace exposure limit.	-	30-50%

ODOURLESS KEROSENE

265-149-8	64742-47-8	Xn: R65; -: R66 Substance with a Community workplace exposure limit.	-	30-50%
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CARBON DIOXIDE AEROSOL PROPELLANT

204-696-9	124-38-9	-: Substance with a Community workplace exposure limit.	-	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.

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.

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.

[cont...]

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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 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

Hazardous ingredients:

HYDROTREATED NAPHTHENIC DISTILLATE

Workplace exposure limits:

Respirable dust

State	Workplace exposure limits		Respirable dust	
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5mg/m ³	10mg/m ³	-	-

[cont...]

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ODOURLESS KEROSENE

UK	1000mg/m ³	-	-	-
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CARBON DIOXIDE AEROSOL PROPELLANT

UK	5000ppm	9150mg/m ³	15000ppm	27400mg/m ³	-	-
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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: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

[cont...]

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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

Toxicity values: Not applicable.

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

Ecotoxicity values: Not applicable.

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 substance is not identified as a PBT 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.

[cont...]

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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

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

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 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 3: None

R10: Flammable.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

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.