

SAFETY DATA SHEET

Product name: WD-40® Multi-Use Product – Aerosol – 32g, 63.8g, 170g
Revision:
Product No.:

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Issue date: 2018-04-30
SDS-ID: IN-EN/1.1

1. CHEMICAL IDENTITY

Product name: WD-40® Multi-Use Product – Aerosol – 32g, 63.8g, 170g
Chemical classification: The product is not classified as hazardous under MSIHC.
U.N. No.: 1950
Shipping name codes/label: AEROSOLS, flammable
Hazchem No.: -
Hazardous waste I.D. No: 33.3

Hazardous Ingredients:

%	CAS No	EC No	Hazchem No	Chemical Name
25	68476-85-7	270-704-2	2YE	Liquefied petroleum gas (LPG)

2. PHYSICAL AND CHEMICAL DATA

Appearance: Aerosol.
Colour: Light brown.
Odour: Characteristic.
pH: Not available.
Melting point / freezing point: Not available.
Boiling point: Not available.
Vapour pressure: Not available.
Vapour density: Not available.
Relative density: 0.817 g/ml
Solubility: Insoluble in water.
Viscosity: Kinematic viscosity: 2-3 mm²/s (40 °C) (liquid phase)

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3. FIRE AND EXPLOSION HAZARD DATA

Flammability: Yes.
Flash point: 47°C (liquid phase)
Explosive limits: 0.6-8.2% vol. (main components)
Auto ignition temperature: Not available
Explosion sensitivity to impact: No.
Explosion sensitivity to static electricity: Yes.
Hazardous combustion products: During fire, gases hazardous to health may be formed.
Hazardous polymerisation: Does not polymerise.
Combustible liquid: No.
Explosive material: No.
Corrosive material: No.
Flammable material: The product is a flammable aerosol, containing flammable liquids.
Oxidiser: No.
Pyrophoric material: No.
Organic peroxide: No.
Specific hazards: Aerosol containers can explode when heated, due to excessive pressure build- up.

4. REACTIVITY DATA

Chemical stability: Stable under normal temperature conditions.
Incompatible materials: Strong oxides.
Reactivity: Not reactive.
Hazardous reaction products: None known.

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5. HEALTH HAZARD DATA

Routes of entry: Inhalation.

Effects of exposure/

Symptoms: Be aware that symptoms of lung oedema (shortness of breath) may develop up to 24 hours after exposure.
The product contains organic solvents. Organic solvents may be absorbed into the body by inhalation and cause permanent damage to the nervous system, including the brain.

Emergency treatment: Treat symptomatically. If there is any suspicion of aspiration into the lungs either directly or as a result of vomiting, obtain medical advice.

TLV (ACGIH): Petroleum gases, liquified: no TLV assigned, but the substance is a simple asphyxiant (D).

Ethyl acetate: 400 ppm.

Turpentine and selected monoterpenes: 20 ppm.

STEL (ACGIH): -

Permissible exposure limits: Oil mist mineral: 10 mg/m³ (STEL).

LD50: > 2000 mg/kg bodyweight (oral and dermal routes).

NFPA: Health: 1 Fire: 3 Reactivity: 0 Other: -

6. PREVENTIVE MEASURES

Personnel protective equipment:

Personal protection equipment should be chosen according to national standards and in discussion with the supplier of the personal protective equipment. Provide adequate ventilation. Provide easy access to water supply or an emergency shower. In case of inadequate ventilation and work of brief duration, use suitable respiratory equipment. Risk of contact: Wear protective gloves. It is recommended to use gloves of Viton or nitrile rubber. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Other types of gloves can be recommended by the glove supplier. Risk of splashes: Wear goggles/face shield.

Handling and storage precautions: Observe good chemical hygiene practices. Work practice should minimise contact. Avoid inhalation of vapours and spray mists. Avoid contact with skin and eyes. Wash hands after handling. Do not eat, drink or smoke when using the product. Change contaminated clothing. Wash contaminated clothing before reuse.
Do not smoke or use open fire or other sources of ignition. Provide adequate ventilation. Provide easy access to water supply or an emergency shower.
Follow the rules for storage of flammable products.
Store in a cool and well-ventilated place. Do not store near heat sources or expose to high temperatures.

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7. EMERGENCY AND FIRST AID MEASURE

FIRE

- Fire extinguishing media: Extinguish with carbon dioxide or dry powder. Do not use water jet as an extinguisher, as this will spread the fire.
- Special procedures: Follow the rules for storage of flammable products. Cool containers exposed to heat with water spray and remove container, if no risk is involved.
- Unusual hazards: Aerosol containers can explode when heated, due to excessive pressure build-up.

EXPOSURE

- First aid measures:
- Burns:** Flush with water immediately. While flushing, remove clothes, which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.
- Inhalation: Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring these instructions.
- Skin contact: Remove contaminated clothes and rinse skin thoroughly with water. In case of eczema or other skin disorders: Seek medical attention and bring these instructions.
- Eye contact: Immediately flush with plenty of water for at least 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.
- Ingestion: Aspiration hazard. Immediately rinse mouth and drink plenty of water or milk.
Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.
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Antidotes/Dosages: Treatment for chemical pneumonitis, in case of aspiration following ingestion and vomiting.

SPILLS

Steps to be taken: Absorb spillage with non-combustible, absorbent material. Clean contaminated area with oil-removing material.

Waste disposal method: Dispose of waste and residues in accordance with local authority requirements. Waste is classified as hazardous waste. Do not puncture or incinerate even when empty. Empty aerosol containers before disposal.

8. ADDITIONAL INFORMATION /REFERENCES

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

9. MANUFACTURER / SUPPLIER DATA

Name of firm: WD-40 Company Ltd.
Mailing address: Brick Close, Kiln Farm,
Milton Keynes
MK11 3LJ – United Kingdom
Telephone/Telex Nos.: +44 0844 9800838
Contact person in emergency: -
Local bodies involved: -
Standard packing.: aerosol can (32g, 63.8g and 170g)
Tremcard details/Ref other:

10. DISCLAIMER

Information contained in this material data sheet is believed to be reliable but no representation, guarantee or warranties of any kind are made as to its accuracy, suitability for a particular application or results to be obtained from them. It is up to the manufacturer/seller to ensure that the information contained in the material safety data sheet is relevant to the product manufactured/handled or sold by him.
