

SAFETY DATA SHEET

Product name: WD-40®BIKE Cleaner Page: 1/9
Supersedes date: Revision: 2021-04-20
Product No.: SDS-ID: IL-EN/1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: WD-40®BIKE Cleaner
WD-40® Specialist® Bike Cleaner

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

Application: Cleaner.

1.3. Details of the supplier of the safety data sheet

Manufacturer: WD-40 Company Limited
PO Box 440
MK11 3LF Milton Keynes
United Kingdom
www.wd40.co.uk

Supplier: Hashahal, Inc.
HaRav Shalom Jarufi St 4
Rishon LeTsiyon
Tel:03-7612700

1.4. Emergency telephone number

Emergency telephone: Israel Poison Information Center: 04-7771900 (24/7)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

SI 2302 (1): The product is classified: Eye Irrit. 2

2.2. Label elements



Warning

H319 Causes serious eye irritation.
P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear eye protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical advice/attention.

Contains 1,2-Benzisothiazolin-3-one. May produce an allergic reaction.

2.3. Other hazards

PBT/vPvB: This product does not contain any PBT or vPvB substances.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

The product contains: water, salts and preservative.

SI 2302 (1):

<u>%:</u>	<u>CAS-No.:</u>	<u>EC No.:</u>	<u>Chemical name:</u>	<u>Hazard classification:</u>
1 - < 5	72283-31-9		Poly(oxy-1,2-ethanediyl), alpha-phenyl-omega-hydroxy-, phosphate, potassium salt	Skin Irrit. 2;H315 Eye Irrit. 2;H319
1 - < 3	68439-46-3_2		(C9-C11) Alkyl alcohol, ethoxylate	Skin Irrit. 2;H315 Eye Dam. 1;H318
0,005 - < 0,05	2634-33-5		1,2-Benzisothiazolin-3-one	Acute Tox. 4;H302 Skin Irrit. 2;H315 Eye Dam. 1;H318 Skin Sens. 1;H317 Aquatic Acute 1;H400

Reference: The full text for all hazard statements is displayed in section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

<u>Inhalation:</u>	Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring along these instructions.
<u>Skin contact:</u>	Remove contaminated clothes and rinse skin thoroughly with water. Do not use solvent or thinners. In case of eczema or other skin disorders: Seek medical attention and bring these instructions.
<u>Eye contact:</u>	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.
<u>Ingestion:</u>	Immediately rinse mouth and drink 1-2 glasses of water. Keep person under observation. If uncomfortable: Transportation to hospital. Bring along these instructions.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects: Irritation and redness followed by blurred vision. See section 11 for more detailed information on health effects and symptoms.

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

Medical attention/treatments: Treat symptomatically.

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SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Use fire-extinguishing media appropriate for surrounding materials. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

5.2. Special hazards arising from the substance or mixture

Specific hazards: Heating and fire may generate toxic (POx) and very toxic (NOx) vapours.

5.3. Advice for firefighters

Do not allow run-off from fire fighting to enter streams, drains or water installations.

Protective equipment for fire-fighters: Wear a self contained breathing apparatus in fire conditions. Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of vapours and contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions: Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Absorb spillage with non-combustible, absorbing material. Wash contaminated area with water. Do not use solvent or thinners.

6.4. Reference to other sections

Reference: For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Safe handling advice: Observe good chemical hygiene practices. Avoid contact with eyes and prolonged skin contact. Wash hands before breaks and before smoking, eating or drinking.

Technical measures: Do not eat, drink or smoke when using the product.

Technical precautions: Provide adequate ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in closed original container at room temperature.

Specific use(s): No information available.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

No occupational exposure limit assigned.

8.2. Exposure controls

Engineering measures: Provide adequate ventilation. Minimize the risk of inhalation of vapours.

Personal protection: Personal protection equipment should be chosen according to the ANSI standards and in discussion with the supplier of the personal protective equipment.

Respiratory equipment: Under normal conditions of use respiration protection should not be required.

Hand protection: Risk of contact: Wear protective gloves. Suitable material: Butyl rubber. Chloroprene rubber. Nitrile. Thickness: $\geq 0,4$ mm. Breakthrough time: 480 min. Be aware that the liquid may penetrate the gloves. Frequent change is advisable. Other types of gloves can be recommended by the glove supplier.

Eye protection: Risk of contact: Wear goggles/face shield.

Skin protection: Use long-sleeved working clothes. Safety shoes.

Hygiene measures: Wash hands after handling. Do not eat, drink or smoke when using the product. Change contaminated clothing. Wash contaminated clothing before reuse.

Environmental Exposure Controls: Not available.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form: Liquid.
Colour: Various colours.
Odour: Characteristic.
pH: Not available.
Melting point / freezing point: Not available.
Boiling point: Not available.
Flash point: Not available.
Vapour pressure: Not available.
Vapour density: Not available.
Relative density: Not determined.
Solubility: Miscible with water.
Partition coefficient (n-octanol/water): Not available.
Decomposition temperature (°C): Not available.
Explosive properties: The product is not explosive.
Oxidising properties: None.

9.2. Other information

Other data: Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reactivity: Not reactive.

10.2. Chemical stability

Stability: Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: None known.

10.4. Conditions to avoid

Conditions to avoid: None known.

10.5. Incompatible materials

Incompatible materials: None known.

10.6. Hazardous decomposition products

Hazardous decomposition products: None in particular.

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SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute Toxicity (Oral): Based on available data, the classification criteria are not met.

Acute Toxicity (Dermal): Based on available data, the classification criteria are not met.

Acute Toxicity (Inhalation): Based on available data, the classification criteria are not met.

Skin Corrosion/Irritation: Based on available data, the classification criteria are not met.

Serious eye damage/irritation: Causes serious eye irritation.

Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

Reproductive Toxicity: Based on available data, the classification criteria are not met.

STOT - Single exposure: Based on available data, the classification criteria are not met.

STOT - Repeated exposure: Based on available data, the classification criteria are not met.

Aspiration hazard: Based on available data, the classification criteria are not met.

Skin contact: Prolonged contact may cause redness, irritation and dry skin.

Eye contact: Irritating and may cause redness and pain.

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SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecotoxicity: The product is not expected to be hazardous to the environment.

Ecological information on ingredients:

1,2-Benzisothiazolin-3-one

LC50 (Fish: *Onchorhynchus mykiss*)/96 hours: 0,8 - 2,18 mg/l (OECD 203)

EC50 (*Daphnia magna*, 48 hours): 1,1 - 4,4 mg/l (OECD 202)

EC50 (*Pseudokirchneriella subcapitata*, 96h): 0,055 mg/l

EC50 (*Pseudokirchneriella subcapitata*, 72 hours): 0,11 mg/l (OECD 201)

12.2. Persistence and degradability

Degradability: The degradability of the product has not been stated.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available on bioaccumulation.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT/vPvB: This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Other adverse effects: None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

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SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

UN-No: -

14.2. UN proper shipping name

Proper Shipping Name: -

14.3. Transport hazard class(es)

Class: -

14.4. Packing group

PG: -

14.5. Environmental hazards

Marine pollutant: -

Environmentally Hazardous: -

Substance:

14.6. Special precautions for user

Special precautions: -

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Transport in bulk: -

SECTION 15: REGULATORY INFORMATION

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

National regulation: SI 2302 part 1 - Dangerous substances and mixtures: Classification, labelling, marking and packaging, with amendments.
Work Safety Regulations (Safety Data Sheets, Classification, Packing, Labeling and Marking of Packages), 5758-1998, with amendments.
Safety at Work Regulations (Environmental and Biological Monitoring of Workers with Hazards), 2011.
Threshold Limit Values (2018), ACGIH, by the American Conference on Governmental Industrial Hygienists.

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SECTION 16: OTHER INFORMATION

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

Abbreviations and acronyms used in the safety data sheet: PBT = Persistent, Bioaccumulative and Toxic.
vPvB = very Persistent and very Bioaccumulative.

Additional information: Classification according to SI 2302 part 1: Calculation method.

Wording of H-statements:

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by DHI - Environment and Toxicology, Agern Allé 5, DK-2970 Hørsholm, Denmark.
www.dhigroup.com.
