



SAFETY DATA SHEET

2work Handwash Detergent

According to the REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577, as amended.

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

1.1. Product identifier

Product name	2work Handwash Detergent
Product number	800-158-0019, 800-152-1110
Internal identification	2W10158, 2W10159
Container size	500 ml, 5 litres
UFI	E3QV-UCS7-S40K-7YMN

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

Identified uses	Detergent.
Uses advised against	Not for Oral Consumption. Use only for intended applications. Do not use for personal cleansing.

1.3. Details of the supplier of the safety data sheet

Supplier	EVO GLOBAL HOLDINGS LIMITED Newland House, Unit 2, Express Way, Tuscany Park Normanton UK WF6 2TZ info@evo-group.co.uk
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1.4. Emergency telephone number

Emergency telephone	United Kingdom National Poisons Information Service (Birmingham Centre) City Hospital Dudley Road B18 7QH Birmingham 0344 892 011
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National emergency telephone number	UK: In case of a medical emergency following exposure to a chemical call NHS Direct in England or Wales 0845 46 47 or NHS 24 in Scotland 08454 24 24 24 Ireland: National Poisons Information Centre Beaumont Hospital Tel: 01 809 2166 (8:00 a.m. to 10.00 p.m. 7 days a week) Tel: 01 809 2566 (health care professionals)
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SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (SI 2019 No. 720)

Physical hazards	Not Classified
Health hazards	Eye Irrit. 2 - H319
Environmental hazards	Aquatic Chronic 3 - H412

2.2. Label elements

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Hazard pictograms



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.
 H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.
 P264 Wash hands thoroughly after handling.
 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.
 P332+P313 If skin irritation occurs: Get medical advice/ attention.
 P501 Dispose of contents/ container in accordance with local regulations.

Detergent labelling

5 - < 15% anionic surfactants, < 5% perfumes, Contains d-LIMONENE, 2-Bromo-2-nitropropane-1, 3-diol, LINALOOL

2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC) >0.1% published by the European Chemicals Agency (ECHA) under article 57 of the REACH regulation (as amended). This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).

SECTION 3: Composition/information on ingredients

3.2. Mixtures

C12-14 ALKYL ETHER SULFATES CAS number: 68891-38-3 EC number: 500-234-8	5-10%
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 3 - H412	
PHOSPHORIC ACID CAS number: 7664-38-2 EC number: 231-633-2	<1%
Classification Met. Corr. 1 - H290 Skin Corr. 1B - H314 Eye Dam. 1 - H318	

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BRONOPOL (INN)	<1%
CAS number: 52-51-7	EC number: 200-143-0
M factor (Acute) = 10	
Classification Acute Tox. 4 - H302 Acute Tox. 4 - H312 Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 2 - H411	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Rinse mouth thoroughly with water. Get medical attention if any discomfort continues.
Skin contact	Rinse immediately with plenty of water. Remove contaminated clothing. Get medical attention if irritation persists after washing.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing. Show this Safety Data Sheet to the medical personnel.

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

Inhalation	Considered to be a low inhalation hazard at normal workplace temperatures.
Ingestion	Unlikely exposure route without abuse. Symptoms will include, Sickness, possible Irritation of GI Tract. A soapy taste may be reported.
Skin contact	Prolonged contact may cause redness, irritation and dry skin.
Eye contact	May cause irritation. May cause temporary eye irritation.

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

Notes for the doctor	No specific recommendations.
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SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire. Foam, carbon dioxide or dry powder.
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5.2. Special hazards arising from the substance or mixture

Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Oxides of carbon. Toxic gases or vapours.
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5.3. Advice for firefighters

Protective actions during firefighting	Control run-off water by containing and keeping it out of sewers and watercourses.
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Special protective equipment for firefighters Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8. In case of spills, beware of slippery floors and surfaces.

6.2. Environmental precautions

Environmental precautions Collect and dispose of spillage as indicated in Section 13. Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Stop leak if safe to do so. Absorb in vermiculite, dry sand or earth and place into containers. Flush contaminated area with plenty of water. Avoid the spillage or runoff entering drains, sewers or watercourses.

6.4. Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Provide adequate ventilation. Avoid contact with skin and eyes. Do not mix with other chemicals or detergents.

Advice on general occupational hygiene No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits

PHOSPHORIC ACID

Long-term exposure limit (8-hour TWA): WEL 1 mg/m³

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit.

C12-14 ALKYL ETHER SULFATES (CAS: 68891-38-3)

DNEL

Workers - Inhalation; Long term systemic effects: 175 mg/m³

Workers - Dermal; Long term systemic effects: 2750 mg/kg/day

Consumer - Inhalation; Long term systemic effects: 52 mg/m³

Consumer - Dermal; Long term systemic effects: 1650 mg/kg/day

Consumer - Oral; Long term systemic effects: 15 mg/kg/day

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- PNEC**
- Fresh water; 0.24 mg/l
 - marine water; 0.024 mg/l
 - Intermittent release; 0.071 mg/l
 - Sediment, Fresh water; 0.917 mg/kg
 - Sediment, marine water; 0.092 mg/kg
 - Soil; 7.5 mg/kg
 - STP; 10,000 mg/l

SODIUM CHLORIDE (CAS: 7647-14-5)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 2068.62 mg/m³
 - Workers - Inhalation; Short term systemic effects: 2068.62 mg/m³
 - Workers - Dermal; Long term systemic effects: 295.52 mg/kg/day
 - Workers - Dermal; Short term systemic effects: 295.52 mg/kg/day
 - General population - Inhalation; Long term systemic effects: 443.28 mg/m³
 - General population - Inhalation; Short term systemic effects: 443.28 mg/m³
 - General population - Dermal; Long term systemic effects: 126.65 mg/kg/day
 - General population - Dermal; Short term systemic effects: 126.65 mg/kg/day
 - General population - Oral; Long term systemic effects: 126.65 mg/kg/day
 - General population - Oral; Short term systemic effects: 126.65 mg/kg/day

- PNEC**
- Fresh water; 5 mg/l
 - Intermittent release; 19
 - STP; 500 mg/l
 - Soil; 4.86 mg/kg

PHOSPHORIC ACID (CAS: 7664-38-2)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 10.7 mg/m³
 - Workers - Inhalation; Long term local effects: 1 mg/m³
 - Workers - Inhalation; Short term local effects: 2 mg/m³
 - General population - Inhalation; Long term systemic effects: 4.57 mg/m³
 - General population - Inhalation; Long term local effects: 0.36 mg/m³
 - General population - Oral; Long term systemic effects: 0.1 mg/kg/day

LIMONENE (CAS: 5989-27-5)

- DNEL**
- Workers - Inhalation; Long term systemic effects: 66.7 mg/m³
 - Workers - Dermal; Long term systemic effects: 9.5 mg/kg/day
 - General population - Inhalation; Long term systemic effects: 16.6 mg/m³
 - General population - Dermal; Long term systemic effects: 4.8 mg/kg/day
 - General population - Oral; Long term systemic effects: 4.8 mg/kg/day

- PNEC**
- Fresh water; 0.014 mg/l
 - marine water; 0.00014 mg/l
 - STP; 1.8 mg/l
 - Sediment (Freshwater); 3.85 mg/kg
 - Sediment (Marinewater); 0.385 mg/kg
 - Soil; 0.763 mg/kg

BRONOPOL (INN) (CAS: 52-51-7)

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DNEL

Workers - Inhalation; Long term systemic effects: 4.1 mg/m³
 Workers - Inhalation; Short term systemic effects: 12.3 mg/m³
 Workers - Inhalation; Long term local effects: 4.2 mg/m³
 Workers - Inhalation; Short term local effects: 4.2 mg/m³
 Workers - Dermal; Long term systemic effects: 2.3 mg/kg/day
 Workers - Dermal; Short term systemic effects: 7 mg/kg/day
 Workers - Dermal; Long term local effects: 0.013 mg/cm²
 Workers - Dermal; Short term local effects: 0.013 mg/cm²
 General population - Inhalation; Long term systemic effects: 1.2 mg/m³
 General population - Inhalation; Short term systemic effects: 3.7 mg/m³
 General population - Inhalation; Long term local effects: 1.3 mg/m³
 General population - Inhalation; Short term local effects: 1.3 mg/m³
 General population - Dermal; Long term systemic effects: 1.4 mg/kg/day
 General population - Dermal; Short term systemic effects: 4.2 mg/kg/day
 General population - Dermal; Long term local effects: 0.008 mg/cm²
 General population - Dermal; Short term local effects: 0.008 mg/cm²
 General population - Oral; Long term systemic effects: 0.35 mg/kg/day
 General population - Oral; Short term systemic effects: 1.1 mg/kg/day

PNEC

- Fresh water; 0.01 mg/l
 - marine water; 0.008 mg/l
 - Intermittent release; 0.0025 mg/l
 - STP; 0.43 mg/l
 - Sediment (Freshwater); 0.041 mg/kg
 - Sediment (Marinewater); 0.00328 mg/kg
 - Soil; 0.5 mg/kg

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate ventilation.

Personal protection

Data provided here is not a risk/COSHH assessment. It relates to the product as supplied and should be used in developing a risk/COSHH assessment.

Eye/face protection

No specific eye protection required during normal use. During the manufacture and filling of this product eye protection is recommended refer to EN166.

Hand protection

For users with sensitive skin, it is recommended that suitable protective gloves are worn.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact. Use appropriate skin cream to prevent drying of skin.

Hygiene measures

Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Use appropriate skin cream to prevent drying of skin.

Respiratory protection

Respiratory protection not required.

Environmental exposure controls

Avoid releasing into the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

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Appearance	Liquid.
Odour threshold	Not determined.
pH	pH (concentrated solution): 6.5 - 8.5
Melting point	Not determined.
Initial boiling point and range	Not available.
Flash point	This product is not considered to be flammable.
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Flammability (solid, gas)	Not flammable. This product does not sustain combustion.
Upper/lower flammability or explosive limits	Product is not considered to be flammable nor explosive
Other flammability	Not applicable.
Vapour pressure	Not determined.
Vapour density	Not determined.
Relative density	1.020 - 1.040
Bulk density	Not applicable.
Solubility(ies)	Soluble in water.
Partition coefficient	Not technically possible for a mixture.
Auto-ignition temperature	Not determined.
Decomposition Temperature	Not determined.
Viscosity	Not determined.
Explosive properties	There are no chemical groups present in the product that are associated with explosive properties.
Explosive under the influence of a flame	Not considered to be explosive.
Oxidising properties	The mixture itself has not been tested but none of the ingredient substances meet the criteria for classification as oxidising.
Comments	Information given is applicable to the product as supplied.
<u>9.2. Other information</u>	
Other information	Not relevant.
Refractive index	11.0-13.0
Volatile organic compound	Not applicable.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures.

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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not applicable.

10.4. Conditions to avoid

Conditions to avoid Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Does not decompose when used and stored as recommended.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects Information given is based on data of the components and of similar products.

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity - inhalation

Notes (inhalation LC₅₀) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Skin corrosion/irritation Based on available data the classification criteria are not met. May be slightly irritating to skin.

Serious eye damage/irritation

Serious eye damage/irritation Causes eye irritation.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

Germ cell mutagenicity

Genotoxicity - in vitro Does not contain any substances known to be mutagenic.

Carcinogenicity

Carcinogenicity Does not contain any substances known to be carcinogenic.

Reproductive toxicity

Reproductive toxicity - fertility Does not contain any substances known to be toxic to reproduction.

Specific target organ toxicity - single exposure

STOT - single exposure Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure

STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

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

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General information	This product has low toxicity.
Inhalation	No specific health hazards known.
Ingestion	May cause irritation. Symptoms following overexposure may include the following: Stomach pain. Nausea, vomiting. Diarrhoea.
Skin contact	Liquid may irritate skin.
Eye contact	May irritate eyes.
11.2 Information on other hazards	
11.2.1. Endocrine disrupting properties	This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).
11.2.2 Other information	None known

SECTION 12: Ecological information

Ecotoxicity	Not regarded as dangerous for the environment.
12.1. Toxicity	
Toxicity	Not considered toxic to fish. When used as instructed, the product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
12.2. Persistence and degradability	
Persistence and degradability	The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in The Detergents Regulations (as amended).
12.3. Bioaccumulative potential	
Bioaccumulative potential	No data available on bioaccumulation.
Partition coefficient	Not technically possible for a mixture.
12.4. Mobility in soil	
Mobility	The product is water-soluble and may spread in water systems.
12.5. Results of PBT and vPvB assessment	
Results of PBT and vPvB assessment	This product does not contain any substances classified as PBT or vPvB.
12.6. Endocrine disrupting properties	
Endocrine disrupting properties	This product is not classified as, nor contains substances classed as having endocrine disrupting characteristics at levels >0.1% by weight (according to Regulation (EU) 2018/605).
12.6. Other adverse effects	
Other adverse effects	None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	The generation of waste should be minimised or avoided wherever possible.
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Disposal methods The packaging must be empty (drop-free when inverted). Wash with plenty of water. Waste packaging should be collected for reuse or recycling. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Normal use solutions are expected to be flushed to sewers.

SECTION 14: Transport information

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

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Not applicable.

**Annex II of MARPOL 73/78
and the IBC Code**

SECTION 15: Regulatory information

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

National regulations

The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
EH40/2005 Workplace exposure limits.
The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 (SI 2020 No. 1577) (as amended).
The Product Safety and Metrology etc. (Amendment etc.) (EU Exit) Regulations 2019 (SI 2019 No. 696) (as amended).
The Detergents Regulations 2010 (SI 2010 No. 740) (as amended). The Detergents (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 612) (as amended). The Detergents (Safeguarding) (Amendment) (EU Exit) Regulations 2019 (SI 2019 No. 671) (as amended).
The Control of Substances Hazardous to Health Regulations 2002 (SI 2002 No. 2677) (as amended).
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2019 (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

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EU legislation	European Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (as amended) European Regulation (EC) No 1907/2006 - Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). European Regulation (EC) No 648/2004 on detergents (as amended).
Guidance	Workplace Exposure Limits EH40. COSHH Essentials. ECHA Guidance on the Application of the CLP Criteria. ECHA Guidance on the compilation of safety data sheets.

15.2. Chemical safety assessment

Currently we do not have information from our suppliers about this.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet	PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
Revision comments	Revised classification. Note: Finished product SDS take their revision history from the parent bulk liquid SDS. The revision data will show that of the parent liquid. NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	25/09/2025
Revision	1
SDS number	23874
Hazard statements in full	H290 May be corrosive to metals. H302 Harmful if swallowed. H312 Harmful in contact with skin. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H400 Very toxic to aquatic life. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.
----- END OF SDS -----