

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

1.1. PRODUCT IDENTIFIER

Product name HYDROGEN PEROXIDE DESTAINER

Product form Substance

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

Main category use Professional use

Use of the substance/mixture Cleaning/washing agents and additives

1.3. Details of the supplier of the safety data sheet

Supplier Wolf Laundry Ltd
Unit 5B,
Ashroyd Business Park,
Platts Common,
Barnsley
South Yorkshire
S74 9SB
Tel: 0808 500 8043
info@wolflaundry.co.uk

1.4. Emergency telephone number

Emergency telephone Wolf Laundry Ltd: Tel: 0808 500 8043 (Mon - Fri 8am-6pm)

National emergency telephone number NHS Direct 111 (GB) National Poisons Information Service Tel: +44 344 892 0111 (UK) - Medical Professionals Only National Poisons Information Centre Tel: +353 (01) 809 2566 (Ireland) - Healthcare Professionals only (24 hour service)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Acute toxicity (oral), Category 4 H302

Acute toxicity (inhalation:dust,mist) Category 4 H332

Skin corrosion/irritation, Category 2 H315

Serious eye damage/eye irritation, Category 1 H318

Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation H335

Full text of H- and EUH-statements: see section 16

Adverse physicochemical, human health and environmental effects

Harmful if inhaled. Harmful if swallowed. May cause respiratory irritation. Causes skin irritation. Causes serious eye damage

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms



Signal word	Danger
Hazard statements	H302+H332 - Harmful if swallowed or if inhaled. H315 - Causes skin irritation. H318 - Causes serious eye damage. H335 - May cause respiratory irritation.
Precautionary statements (CLP)	P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash hands, forearms and face thoroughly after handling. P280 - Wear protective clothing, eye protection, face protection, protective gloves. P301+P312 - IF SWALLOWED: Call a POISON CENTRE or doctor if you feel unwell. P302+P352 - IF ON SKIN: Wash with plenty of water. P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P330 - Rinse mouth. P332+P313 - If skin irritation occurs: Get medical advice/attention. P362+P364 - Take off contaminated clothing and wash it before reuse. P403+P233 - Store in a well-ventilated place. Keep container tightly closed. P405 - Store locked up. P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Name HYDROGEN PEROXIDE DESTAINER

Name	Product Identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
hydrogen peroxide solution... %	CAS-No.: 7722-84-1 EC-No.: 231-765-0 EC Index-No.: 008-003-00-9	35 - 50	Ox. Liq. 1, H271 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Oral), H302 Skin Corr. 1A, H314

Specific concentration limits:		
Name	Product Identifier	Specific concentration limits:
hydrogen peroxide solution... %	CAS-No.: 7722-84-1 EC-No.: 231-765-0 EC Index-No.: 008-003-00-9	(5 ≤C < 8) Eye Irrit. 2, H319 (8 ≤C < 50) Eye Dam. 1, H318 (35 ≤C < 50) Skin Irrit. 2, H315 (35 ≤C ≤ 100) STOT SE 3, H335 (50 ≤C < 70) Ox. Liq. 2, H272 (50 ≤C < 70) Skin Corr. 1B, H314 (70 ≤C ≤ 100) Ox. Liq. 1, H271 (70 ≤C ≤ 100) Skin Corr. 1A, H314

Full text of H- and EUH-statements: see section 16

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

General information Call a poison center or a doctor if you feel unwell.

Inhalation	Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
Ingestion	Rinse mouth. Call a poison center or a doctor if you feel unwell
Skin contact	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician immediately

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

Inhalation	May cause respiratory irritation.
Skin contact	Irritation.
Eye contact	Serious damage to eyes.

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

Notes for the doctor Treat symptomatically.

SECTION 5: Fire fighting measures

5.1. Extinguishing media

Suitable extinguishing media Water spray. Dry powder. Foam. Carbon dioxide

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire Toxic fumes may be released.

5.3 Advice for firefighters

Protection during firefighting Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Emergency procedures Ventilate spillage area. Avoid contact with skin and eyes.
Do not breathe dust/fume/gas/mist/vapours/spray

For emergency responders

Protective equipment Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Environmental precautions Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Take up liquid spill into absorbent material.

Other information Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Avoid contact with skin and eyes. Wear personal protective equipment.

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

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep cool.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

National occupational exposure and biological limit values

No additional information available

Recommended monitoring procedures

No additional information available

Air contaminants formed

No additional information available

DNEL and PNEC

No additional information available

Control banding

No additional information available

8.2. Exposure controls

Appropriate engineering controls Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Protective equipment



Eye/face protection Safety glasses

Skin and body protection Wear suitable protective clothing

Hand protection Protective gloves

Respiratory protection [In case of inadequate ventilation] wear respiratory protection.

Thermal hazards No additional information available

Environmental exposure controls Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance Liquid.

Colour Colourless.

Odour Pungent

Odour threshold No data available

pH	2
Relative evaporation rate (butylacetate=1)	No data available
Melting point	Not applicable
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition Temperature	No data available
Flammability (solid, gas)	Not applicable.
Vapour pressure	No data available
Relative vapour density	No data available
Relative density	1.1-1.2
Solubility	No data available
Partition coefficient n-octanol/water (Log Pow)	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	No data available
Explosive properties	No data available
Oxidising properties	No data available
Explosive limits	No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stability Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Conditions to avoid None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

Materials to avoid No additional information available

10.6. Hazardous decomposition products

Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral Harmful if swallowed.

Acute toxicity - dermal Not classified

Acute toxicity - inhalation	Harmful if inhaled.
Skin corrosion/irritation	Causes skin irritation. pH: 2
Serious eye damage/irritation	Causes serious eye damage. pH: > 11.5
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	Not classified
Aspiration hazard	Not classified

SECTION 12: Ecological information

12.1. Toxicity

Ecology general The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short-term (acute) Not classified

Hazardous to the aquatic environment, long-term (chronic) Not classified

Not rapidly degradable

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations






13.1. Waste treatment methods

Disposal methods Dispose of contents/container in accordance with licensed collector's sorting instructions.

SECTION 14: Transport Information


In accordance with ADR / IMDG / IATA / ADN / RID

ADR	IMDG	IATA	ADN	RID
14.1. UN number				

UN 2014	UN 2014	UN 2014	UN 2014	UN 2014
14.2. UN proper shipping name				
HYDROGEN PEROXIDE, AQUEOUS SOLUTION	HYDROGEN PEROXIDE, AQUEOUS SOLUTION	Hydrogen peroxide, aqueous solution	HYDROGEN PEROXIDE, AQUEOUS SOLUTION	HYDROGEN PEROXIDE, AQUEOUS SOLUTION
Transport document description				
UN 2014 HYDROGEN PEROXIDE, AQUEOUS SOLUTION, 5.1 (8), II, (E)	UN 2014 HYDROGEN PEROXIDE, AQUEOUS SOLUTION, 5.1 (8), II	UN 2014 Hydrogen peroxide, aqueous solution, 5.1 (8), II	UN 2014 HYDROGEN PEROXIDE, AQUEOUS SOLUTION, 5.1 (8), II	UN 2014 HYDROGEN PEROXIDE, AQUEOUS SOLUTION, 5.1 (8), II
14.3. Transport hazard class(es)				
5.1 (8)	5.1 (8)	5.1 (8)	5.1 (8)	5.1 (8)
				
14.4. Packing group				
II	II	II	II	II
14.5. Environmental hazards				
Dangerous for the environment: No	Dangerous for the environment: No Marine pollutant: No	Dangerous for the environment: No	Dangerous for the environment: No	Dangerous for the environment: No
No supplementary information available				

14.6. Special precautions for user

Overland transport

Classification code (ADR)	OC1
Limited quantities (ADR)	1I
Excepted quantities (ADR)	E2
Packing instructions (ADR)	P504, IBC02
Special packing provisions (ADR)	PP10, B5
Mixed packing provisions (ADR)	MP15
Portable tank and bulk container instructions (ADR)	T7
Portable tank and bulk container special provisions (ADR)	TP2, TP6, TP24
Tank code (ADR)	L4BV(+)
Tank special provisions (ADR)	TU3, TC2, TE8, TE11, TT1
Vehicle for tank carriage	AT
Transport category (ADR)	2
Special provisions for carriage - Loading, unloading and handling (ADR)	CV24
Hazard identification number (Kemler No.)	58
Orange plates	
Tunnel restriction code (ADR)	E
EAC code	2P
Transport by sea	
Limited quantities (IMDG)	1L

Excepted quantities (IMDG)	E2
Packing instructions (IMDG)	P504
Special packing instructions (IMDG)	PP10
IBC packing instructions (IMDG)	IBC02
IBC special provisions (IMDG)	B5
Tank instructions (IMDG)	T7
Tank special provisions (IMDG)	TP2, TP6, TP24
EmS-No. (Fire)	F-H
EmS-No. (Spillage)	S-Q
Stowage category (IMDG)	D
Segregation (IMDG)	SGG16, SG16, SG59, SG72
Properties and observations (IMDG)	Colourless liquid.Slowly decomposes, evolving oxygen; the rate of decomposition increases in contact with metals, except aluminium. In contact with combustible material may cause fire or explosion. Causes burns to skin, eyes and mucous membranes. Even though stabilized, these solutions may evolve oxygen.

Air transport

PCA Excepted quantities (IATA)	E2
PCA Limited quantities (IATA)	Y540
PCA limited quantity max net quantity (IATA)	0.5L
PCA packing instructions (IATA)	550
PCA max net quantity (IATA)	1L
CAO packing instructions (IATA)	554
CAO max net quantity (IATA)	5L
ERG code (IATA)	5C

Inland waterway transport

Classification code (ADN)	OC1
Limited quantities (ADN)	1 L
Excepted quantities (ADN)	E2
Carriage permitted (ADN)	T
Equipment required (ADN)	PP, EP
Number of blue cones/lights (ADN)	0

Rail transport

Classification code (RID)	OC1
Limited quantities (RID)	1 L
Excepted quantities (RID)	E2
Packing instructions (RID)	P504, IBC02
Special packing provisions (RID)	PP10, B5
Mixed packing provisions (RID)	MP15
Portable tank and bulk container instructions (RID)	T7
Portable tank and bulk container special provisions (RID)	TP2, TP6, TP24
Tank codes for RID tanks (RID)	L4BV(+)
Special provisions for RID tanks (RID)	TU3, TC2, TE8, TE11, TT1

Transport category (RID)	2
Special provisions for carriage - Loading, unloading and handling (RID)	CW24
Colis express (express parcels) (RID)	CE6
Hazard identification number (RID)	58

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

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Not listed on REACH Annex XVII

Not listed on the REACH Candidate List

Not listed on REACH Annex XIV (Authorisation List)

Not listed on the PIC list (Regulation EU 649/2012)

Not listed on the POP list (Regulation EU 2019/1021)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

ANNEX I RESTRICTED EXPLOSIVES PRECURSORS

List of substances which shall not be made available to, or introduced, possessed or used by, members of the general public, whether on their own or in mixtures or substances that include those substances, unless the concentration is equal to or lower than the limit values set out in column 2, and for which suspicious transactions and significant disappearances and thefts are to be reported to the relevant national contact point within 24 hours.

Name:	CAS-No.	Limit value	Upper limit value for licensing under Article 5(3)	Combined Nomenclature (CN) code for a separate chemically defined compound meeting the requirements of Note 1 to Chapter 28 or 29 of the CN, respectively	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
Hydrogen peroxide	7722-84-1	12 % w/w	35% w/w	2847 00 00	ex 3824 99 96

Please see https://ec.europa.eu/home-affairs/system/files/2021-11/list_of_competent_authorities_and_national_contact_points_en.pdf

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Abbreviations and acronyms:	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level

EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic
PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
H271	May cause fire or explosion; strong oxidiser

H271	May cause fire or explosion; strong oxidiser
H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
Ox. Liq. 1	Oxidising Liquids, Category 1
Ox. Liq. 2	Oxidising Liquids, Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.