

Safety Data Sheet

according to Regulation (EC) No 1907/2006



Buzil® Laundry Bright

Revision date: 28.04.2023

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

1.1. Product identifier

Buzil® Laundry Bright

UFI: UW70-R0A3-V00T-P4QA

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

Use of the substance/mixture

EUPCS: PP-BIO-2 Disinfectants and algaecides not intended for direct application to humans or animals

Process categories [PROC]: 1, 2, 8, 9

Restricted to professional users.

1.3. Details of the supplier of the safety data sheet

Company name: BUZIL-WERK Wagner GmbH & Co. KG
Street: Fraunhofer Str. 17
Place: D-87700 Memmingen
Telephone: +49 (0) 8331 930-6
Telefax: +49 (0) 8331 930-880
e-mail: info@buzil.de
Contact person: info@buzil.de
Internet: www.buzil.com

1.4. Emergency telephone number: +49 (0) 8331 930-6 (08:00 - 16:00 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

Org. Perox. F; H242
Met. Corr. 1; H290
Acute Tox. 4; H302
Acute Tox. 4; H312
Acute Tox. 4; H332
Skin Corr. 1A; H314
Eye Dam. 1; H318
Aquatic Chronic 1; H410

Full text of hazard statements: see SECTION 16.

2.2. Label elements

Regulation (EC) No 1272/2008

Hazard components for labelling

Hydrogen peroxide. Peracetic acid

Signal word: Danger

Pictograms:



Hazard statements

H242 Heating may cause a fire.
H290 May be corrosive to metals.
H302+H312+H332 Harmful if swallowed, in contact with skin or if inhaled.
H314 Causes severe skin burns and eye damage.
H410 Very toxic to aquatic life with long lasting effects.

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Precautionary statements

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P234	Keep only in original packaging.
P260	Do not breathe mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
P403	Store in a well-ventilated place.
P411	Store at temperatures not exceeding 30 °C/86 °F.
P501	Dispose of contents/containers in accordance with local and national regulations.

Special labelling of certain mixtures

EUH071	Corrosive to the respiratory tract.
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2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification (Regulation (EC) No 1272/2008)			
7722-84-1	Hydrogen peroxide			25 - < 30 %
	231-765-0	008-003-00-9	01-2119485845-22	
	Ox. Liq. 1, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1A, Aquatic Chronic 3; H271 H332 H302 H314 H412			
64-19-7	Acetic acid			5 - < 10 %
	200-580-7	607-002-00-6	01-2119475328-30	
	Flam. Liq. 3, Skin Corr. 1A; H226 H314			
79-21-0	Peracetic acid			1 - < 5 %
	201-186-8	607-094-00-8	01-2119531330-56	
	Flam. Liq. 3, Org. Perox. D, Acute Tox. 4, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1A, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1; H226 H242 H332 H312 H302 H314 H335 H400 H410			

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

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Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
7722-84-1	231-765-0	Hydrogen peroxide	25 - < 30 %
		inhalation: ATE = 11 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = > 2000 mg/kg; oral: LD50 = 1190 - 1270 mg/kg Ox. Liq. 1; H271: >= 70 - 100 Ox. Liq. 2; H272: >= 50 - < 70 Skin Corr. 1A; H314: >= 70 - 100 Skin Corr. 1B; H314: >= 50 - < 70 Skin Irrit. 2; H315: >= 35 - < 50 Eye Dam. 1; H318: >= 8 - < 50 Eye Irrit. 2; H319: >= 5 - < 8 STOT SE 3; H335: >= 35 - 100	
64-19-7	200-580-7	Acetic acid	5 - < 10 %
		oral: LD50 = 3310 mg/kg Skin Corr. 1A; H314: >= 90 - 100 Skin Corr. 1B; H314: >= 25 - < 90 Skin Irrit. 2; H315: >= 10 - < 25 Eye Irrit. 2; H319: >= 10 - < 25	
79-21-0	201-186-8	Peracetic acid	1 - < 5 %
		inhalation: LC50 = 0,5 mg/l (vapours); inhalation: ATE = 1,5 mg/l (dusts or mists); dermal: LD50 = 1100 mg/kg; oral: LD50 = 100 mg/kg STOT SE 3; H335: >= 1 - 100 Aquatic Chronic 1; H410: M=10	

Labelling for contents according to Regulation (EC) No 648/2004

< 5 % oxygen-based bleaching agents, < 5 % phosphonates.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, saturated clothing immediately.

After inhalation

Provide fresh air.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.
Take off contaminated clothing and wash it before reuse.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water.
Do NOT induce vomiting.

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

No information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray jet
alcohol resistant foam
Carbon dioxide
Extinguishing powder

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

oxidising

5.3. Advice for firefighters

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Emergency cooling must be provided for in case of a fire in the vicinity.
In case of fire and/or explosion do not breathe fumes.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Use personal protection equipment.
Avoid contact with skin, eyes and clothes.

For non-emergency personnel

Ventilate affected area.

For emergency responders

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.
Do not allow to enter into soil/subsoil.

6.3. Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up

Treat the recovered material as prescribed in the section on waste disposal.

Other information

Collect in closed and suitable containers for disposal.
Ventilate affected area.

6.4. Reference to other sections

Personal protection equipment: see section 8
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes and clothes.
Do not mix with other chemicals.
Use personal protection equipment.
When using do not eat, drink or smoke.
Do not breathe gas/fumes/vapour/spray. Use only in well-ventilated areas.

Advice on protection against fire and explosion

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Advice on general occupational hygiene

Take off contaminated clothing.
Wash hands before breaks and after work.
When using do not eat, drink or smoke.

Further information on handling

No further relevant information available.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.
Avoid high temperatures or direct sunlight.

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Keep/Store only in original container.

Hints on joint storage

Store separately.

Further information on storage conditions

Do not store together with: Alkali (lye), Reducing agent, Combustible substance

7.3. Specific end use(s)

Disinfectants

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values

CAS No	Name of agent	ppm	mg/m ³	fib/cm ³	Category	Origin
64-19-7	Acetic acid	10	25		TWA (8 h)	
		20	50		STEL (15 min)	

Additional advice on limit values

No information available.

8.2. Exposure controls



Appropriate engineering controls

No information available.

Individual protection measures, such as personal protective equipment

Eye/face protection

Wear eye/face protection. (EN 166)

Hand protection

Wear suitable gloves. (EN 374, Breakthrough time: >10 min.)

Suitable material: NBR (Nitrile rubber).

Thickness of the glove material $\geq 0,1$ mm

A survey of suitable brands with detailed information on breakthrough times is available upon request.

Skin protection

Wear suitable work clothing.

Respiratory protection

Use only in well-ventilated areas.

In case of inadequate ventilation wear respiratory protection. (EN 14287, B-P2)

Thermal hazards

No further relevant information available.

Environmental exposure controls

Section 6: Accidental Release Measures

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	colourless
Odour:	stinging

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Test method

Melting point/freezing point:	< - 18 °C	
Boiling point or initial boiling point and boiling range:	105 °C	
Flammability:	not applicable	
Lower explosion limits:	not determined	
Upper explosion limits:	not determined	
Flash point:	> 100 °C	DIN EN ISO 2719
Auto-ignition temperature:	not determined	
Decomposition temperature:	> 50 °C	(SADT)
pH-Value (at 20 °C):	approx. 3,2	OECD 122
Viscosity / kinematic: (at 20 °C)	1,255 mm ² /s	OECD 114
Water solubility: (at 20 °C)	completely miscible	
Solubility in other solvents not determined		
Partition coefficient n-octanol/water:	not applicable	
Vapour pressure:	not determined	
Density (at 20 °C):	1,12 g/cm ³	
Relative density (at 20 °C):	1,12	
Relative vapour density:	not determined	
Particle characteristics:	not relevant	

9.2. Other information

Information with regard to physical hazard classes

Oxidizing properties
oxidising, Oxidising.

Other safety characteristics

Viscosity / dynamic:
(at 25 °C) not determined (50 1/s)

Further Information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

oxidising, Oxidising.

10.2. Chemical stability

May cause decomposition by long-term light influence.
Heating may cause a fire.

10.3. Possibility of hazardous reactions

Exothermic reaction with: Combustible substance, Alkali metals, Alkaline earth metal, Heavy metals, Metal powder, Acid, Base.

10.4. Conditions to avoid

May cause decomposition by long-term light influence.
Heating may cause a fire.

10.5. Incompatible materials

Keep away from combustible material.

10.6. Hazardous decomposition products

Formation of: Oxygen.

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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Harmful if swallowed.
Harmful in contact with skin.
Harmful if inhaled.

ATEmix calculated

ATE (oral) 1571,3 mg/kg; ATE (inhalation dust/mist) 4,934 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
7722-84-1	Hydrogen peroxide				
	oral	LD50 1190 - 1270 mg/kg	Rat		
	dermal	LD50 > 2000 mg/kg	Rabbit		
	inhalation vapour	ATE 11 mg/l			
	inhalation dust/mist	ATE 1,5 mg/l			
64-19-7	Acetic acid				
	oral	LD50 3310 mg/kg	Rat	GESTIS	
79-21-0	Peracetic acid				
	oral	LD50 100 mg/kg	Rat		
	dermal	LD50 1100 mg/kg	Rabbit		
	inhalation vapour	LC50 0,5 mg/l	Rat		
	inhalation dust/mist	ATE 1,5 mg/l			

Irritation and corrosivity

Causes severe skin burns and eye damage.
Causes serious eye damage.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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.

11.2. Information on other hazards

Other information

No information available.

SECTION 12: Ecological information

12.1. Toxicity

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
7722-84-1	Hydrogen peroxide					
	Acute fish toxicity	LC50 mg/l	16,4	96 h	Pimephales promelas (fathead minnow)	
	Acute crustacea toxicity	EC50	2,4 mg/l	48 h	Daphnia pulex (water flea)	
64-19-7	Acetic acid					
	Acute fish toxicity	LC50 mg/l	> 300	96 h	Oncorhynchus mykiss (Rainbow trout)	OECD 203
	Acute algae toxicity	ErC50 mg/l	> 300	72 h	Skeletonema costatum	ISO//DIS 10253
	Acute crustacea toxicity	EC50 mg/l	> 300	48 h	Daphnia magna	OECD 202
79-21-0	Peracetic acid					
	Acute fish toxicity	LC50	1,1 mg/l	96 h	Lepomis macrochirus (Bluegill)	
	Acute algae toxicity	ErC50 mg/l	0,16	72 h	Selenastrum capricornutum	
	Acute crustacea toxicity	EC50 mg/l	0,73	48 h	Daphnia magna (Big water flea)	

12.2. Persistence and degradability

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64-19-7	Acetic acid			
	OECD 301	>60%	28	
	Readily biodegradable (according to OECD criteria).			

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-19-7	Acetic acid	-0,17

12.4. Mobility in soil

The product has not been tested.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

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Delivery to an approved waste disposal company.

List of Wastes Code - residues/unused products

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors; hazardous waste

List of Wastes Code - contaminated packaging

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

Contaminated packaging

Dispose of contents/containers in accordance with local and national regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number: UN 3109
14.2. UN proper shipping name: ORGANIC PEROXIDE TYPE F, LIQUID (Peracetic acid)
14.3. Transport hazard class(es): 5.2
14.4. Packing group: -
Hazard label: 5.2+8



Classification code: P1
Special Provisions: 122 274
Limited quantity: 125 mL
Excepted quantity: E0
Transport category: 2
Hazard No: 539
Tunnel restriction code: D

Inland waterways transport (ADN)

14.1. UN number or ID number: UN 3109
14.2. UN proper shipping name: ORGANIC PEROXIDE TYPE F, LIQUID (Peracetic acid)
14.3. Transport hazard class(es): 5.2
14.4. Packing group: -
Hazard label: 5.2+8



Classification code: P1
Special Provisions: 122 274
Limited quantity: 125 mL
Excepted quantity: E0

Marine transport (IMDG)

14.1. UN number or ID number: UN 3109
14.2. UN proper shipping name: ORGANIC PEROXIDE TYPE F, LIQUID (peroxy acetic acid)
14.3. Transport hazard class(es): 5.2
14.4. Packing group: -
Hazard label: 5.2+8

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Marine pollutant: yes
Special Provisions: 122, 274
Limited quantity: 125 mL
Excepted quantity: E0
EmS: F-J, S-R

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number: UN 3109
14.2. UN proper shipping name: ORGANIC PEROXIDE TYPE F, LIQUID (peroxy acetic acid)
14.3. Transport hazard class(es): 5.2
14.4. Packing group: -
Hazard label: 5.2+8



Special Provisions: A20 A150 A802
Limited quantity Passenger: Forbidden
Passenger LQ: Forbidden
Excepted quantity: E0
IATA-packing instructions - Passenger: 570
IATA-max. quantity - Passenger: 10 L
IATA-packing instructions - Cargo: 570
IATA-max. quantity - Cargo: 25 L

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: Yes



14.6. Special precautions for user

No special measures are necessary.

14.7. Maritime transport in bulk according to IMO instruments

not applicable

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

2010/75/EU (VOC): 140,1 g/l

Additional information

Regulation (EC) No. 648/2004 [Detergents regulation]

National regulatory information

Water hazard class (D): 2 - obviously hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

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SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 2,9,15.

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Process categories according to ECHA guidance on information requirements and chemical safety assessment, chapter R.12:

PROC 1: Use in closed processes.

PROC 2: Chemical production or refinery in closed continuous process with occasional controlled exposure or processes with equivalent containment conditions

PROC 4: Chemical production where opportunity for exposure arises

PROC 7: Industrial spraying

PROC 8 (Transfer): Dilution of concentrated products, application of drain cleaners, dosage of textile washing agents.

PROC 9: Transfer of substance or mixture into small containers (dedicated filling line, including weighing)

PROC 10 (Roller application or brushing): Processing without large-scale spraying.

PROC 11 (Spraying outside industrial settings): Processing with large-scale spraying (e. g. high pressure cleaning, foam gun).

PROC 13: Treatment of articles by dipping and pouring

PROC 19 (Hand-mixing with intimate contact): Hand cleaning and disinfection

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H242	Heating may cause a fire.
H271	May cause fire or explosion; strong oxidiser.
H290	May be corrosive to metals.
H302	Harmful if swallowed.
H302+H312+H332	Harmful if swallowed, in contact with skin or if inhaled.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
EUH071	Corrosive to the respiratory tract.

Further Information

Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]: 9 (1)

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product

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named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)