OxiClean™ Laundry Stain Remover

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Revision date: 26/06/2020 Date of issue: 17/01/2020 Version: 2.0

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

1.1. Product identifier

Product form : Mixture

Product Name : OxiClean™ Laundry Stain Remover

Product code : 40002485

Synonyms : OxiClean™ Multi-Purpose Stain Remover, OxiClean™ Fast-Acting Stain Remover

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

1.2.1. Relevant identified uses

Use of the substance/mixture : Laundry pretreater

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Company

Church & Dwight
500 Charles Ewing Blvd
Ewing Township, NJ 08628
T 1-800-524-1328
www.churchdwight.com

1.4. Emergency telephone number

Emergency number : For Medical Emergency: 1-888-234-1828 (USA and Canada), 952-853-1925 (Outside USA and Canada); For Chemical Emergency (CHEMTREC): 1-800-424-9300 (USA and Canada), 1-703-741-5970 (Outside USA and Canada)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Skin Irrit. 2	H315
Eye Dam. 1	H318

Full text of hazard classes and H-statements : see section 16

2.2. Label elements

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

Hazard pictograms (CLP) :

GHS05

Signal word (CLP) : Danger

Hazard statements (CLP) : H315 - Causes skin irritation.
H318 - Causes serious eye damage.

Precautionary statements (CLP) : P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
P280 - Wear protective gloves, protective clothing, and eye protection.
P302+P352 - IF ON SKIN: Wash with plenty of water.
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 or doctor.
P321 - Specific treatment (see section 4 on this SDS).
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.

2.3. Other hazards

Other hazards not contributing to the classification : Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification According to Regulation (EC) No. 1272/2008 [CLP]
Alcohols, C12-15, ethoxylated	(CAS-No.) 68131-39-5 (EC-No.) 500-195-7	1 - 4	Acute Tox. 4 (Oral), H302 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Hydrogen peroxide	(CAS-No.) 7722-84-1 (EC-No.) 231-765-0 (EC Index-No.) 008-003-00-9	1 - 3	Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Corr. 1A, H314 STOT SE 3, H335 Aquatic Chronic 3, H412
Benzenesulfonic acid, C10-16-alkyl derivatives	(CAS-No.) 68584-22-5 (EC-No.) 271-528-9	1 - 3	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314 Eye Dam. 1, H318
Alcohols, C10-16, ethoxylated	(CAS-No.) 68002-97-1 (EC-No.) 500-182-6	0,5 - 1,5	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Acute 1, H400
Sulfuric acid	(CAS-No.) 7664-93-9 (EC-No.) 231-639-5 (EC Index-No.) 016-020-00-8	< 0,1	Skin Corr. 1A, H314 Aquatic Chronic 3, H412
D-Limonene	(CAS-No.) 5989-27-5 (EC-No.) 227-813-5 (EC Index-No.) 601-029-00-7	< 0,01	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Skin Sens. 1, H317 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
Benzyl acetate	(CAS-No.) 140-11-4 (EC-No.) 205-399-7	< 0,01	Aquatic Chronic 3, H412
Ethylene oxide	(CAS-No.) 75-21-8 (EC-No.) 200-849-9 (EC Index-No.) 603-023-00-X	< 0,0001	Flam. Gas 1, H220 Flam. Liq. 1, H224 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Inhalation), H331 Acute Tox. 3 (Inhalation:gas), H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Muta. 1B, H340 Carc. 1B, H350 STOT SE 3, H335

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Hydrogen peroxide	(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 < 100) STOT SE 3, H335 (35 =<C < 50) Skin Irrit. 2, H315 (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

Specific concentration limits:

Name	Product identifier	Specific concentration limits
Sulfuric acid	(CAS-No.) 7664-93-9 (EC-No.) 231-639-5 (EC Index-No.) 016-020-00-8	(5 =<C < 15) Skin Irrit. 2, H315 (5 =<C < 15) Eye Irrit. 2, H319 (15 =<C < 100) Skin Corr. 1A, H314

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

First-aid measures after inhalation : When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

First-aid measures after skin contact : Remove contaminated clothing. Immediately drench affected area with water for at least 15 minutes. Obtain medical attention if irritation develops or persists.

First-aid measures after eye contact : Immediately rinse with water for at least 30 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

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

Symptoms/effects : Causes serious eye damage. Causes skin irritation.

Symptoms/effects after inhalation : Prolonged exposure may cause irritation.

Symptoms/effects after skin contact : Redness, pain, swelling, itching, burning, dryness, and dermatitis.

Symptoms/effects after eye contact : Causes permanent damage to the cornea, iris, or conjunctiva.

Symptoms/effects after ingestion : Ingestion may cause adverse effects.

Chronic symptoms : None expected under normal conditions of use.

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

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray, fog, carbon dioxide (CO_2), alcohol-resistant foam, or dry chemical.

Unsuitable extinguishing media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Will not support combustion unless the water has evaporated. Contains an oxidizing material which may accelerate fire.

Explosion hazard : Product is not explosive.

Reactivity : Hazardous reactions will not occur under normal conditions.

Hazardous decomposition products in case of fire : Carbon oxides (CO, CO_2). Nitrogen oxides. Sulphur oxides.

5.3. Advice for firefighters

Precautionary measures fire : Exercise caution when fighting any chemical fire.

Firefighting instructions : Use water spray or fog for cooling exposed containers.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Do not breathe vapor, mist or spray. Do not get in eyes, on skin, or on clothing.

6.1.1. For non-emergency personnel

Protective equipment : Use appropriate personal protective equipment (PPE).

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to other sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Avoid breathing vapors, mist, spray. Do not get in eyes, on skin, or on clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable regulations.

Storage conditions : Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible materials : Strong acids, strong bases, strong oxidizers.

7.3. Specific end use(s)

Laundry pretreater

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Ethylene oxide (75-21-8)		
EU	IOELV TWA (mg/m³)	1,8 mg/m³
EU	IOELV TWA (ppm)	1 ppm
EU	Notes	Present (Substantial contribution to the total body burden via dermal exposure possible)
Austria	TRK Daily average value (mg/m³)	2 mg/m³
Austria	TRK Daily average value (ppm)	1 ppm
Austria	OEL chemical category (AT)	Group A2 Carcinogen, Skin notation
Belgium	Limit value (mg/m³)	1,8 mg/m³
Belgium	Limit value (ppm)	1 ppm
Belgium	OEL chemical category (BE)	Carcinogen
Bulgaria	OEL TWA (mg/m³)	2 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	1,8 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	1 ppm
Croatia	OEL chemical category (HR)	Carcinogen Category 1B, Skin notation, Mutagen Category 1B
France	VLE (ppm)	5 ppm
France	VME (ppm)	1 ppm
France	OEL chemical category (FR)	Carcinogen category 1B, Mutagen category 1B
Greece	OEL TWA (mg/m³)	10 mg/m³
Greece	OEL TWA (ppm)	5 ppm
USA ACGIH	ACGIH TWA (ppm)	1 ppm
Latvia	OEL TWA (mg/m³)	1 mg/m³
Spain	VLA-ED (mg/m³)	1,8 mg/m³ (manufacturing, commercialization and use restrictions according to REACH)
Spain	VLA-ED (ppm)	1 ppm (manufacturing, commercialization and use restrictions according to REACH)

Ethylene oxide (75-21-8)		
Spain	OEL chemical category (ES)	C1B, M1B
Switzerland	MAK (mg/m³)	1,8 mg/m³
Switzerland	MAK (ppm)	1 ppm
Switzerland	OEL chemical category (CH)	Category C1B carcinogen, Category 1B mutagen, Skin notation
Netherlands	Grenswaarde TGG 8H (mg/m³)	0,84 mg/m³
United Kingdom	WEL TWA (mg/m³)	9,2 mg/m³
United Kingdom	WEL TWA (ppm)	5 ppm
United Kingdom	WEL STEL (mg/m³)	27,6 mg/m³ (calculated)
United Kingdom	WEL STEL (ppm)	15 ppm (calculated)
United Kingdom	WEL chemical category	Capable of causing cancer and/or heritable genetic damage
Czech Republic	Expoziční limity (PEL) (mg/m³)	1 mg/m³
Czech Republic	OEL chemical category (CZ)	Potential for cutaneous absorption
Czech Republic	Czech Republic - BLV	Parameter: N-(2-Hydroxyethyl)valine - Medium: blood - Sampling time: discretionary (in Globin) Parameter: N-(2-Hydroxyethyl)valine - Medium: blood - Sampling time: discretionary (in Globin)
Denmark	Grænsevædi (8 timer) (mg/m³)	1,8 mg/m³
Denmark	Grænsevædi (8 timer) (ppm)	1 ppm
Estonia	OEL TWA (mg/m³)	2 mg/m³
Estonia	OEL TWA (ppm)	1 ppm
Estonia	OEL STEL (mg/m³)	9 mg/m³
Estonia	OEL STEL (ppm)	5 ppm
Estonia	OEL chemical category (ET)	Carcinogenic substance, Skin notation
Finland	HTP-arvo (8h) (mg/m³)	1,8 mg/m³
Finland	HTP-arvo (8h) (ppm)	1 ppm
Hungary	MK-érték	1,8 mg/m³
Hungary	OEL chemical category (HU)	Carcinogenic substance, Sensitizer, Muta1B
Ireland	OEL (8 hours ref) (mg/m³)	10 mg/m³
Ireland	OEL (8 hours ref) (ppm)	5 ppm
Ireland	OEL (15 min ref) (mg/m3)	30 mg/m³ (calculated)
Ireland	OEL (15 min ref) (ppm)	15 ppm (calculated)
Ireland	OEL chemical category (IE)	Carc1B, Potential for cutaneous absorption
Lithuania	IPRV (mg/m³)	1,8 mg/m³
Lithuania	IPRV (ppm)	1 ppm
Lithuania	TPRV (mg/m³)	9 mg/m³
Lithuania	TPRV (ppm)	5 ppm
Lithuania	OEL chemical category (LT)	Carcinogen, Mutagen, Skin notation
Norway	Grenseverdier (AN) (ppm)	1 ppm
Norway	Grenseverdier (Korttidsverdi) (ppm)	2 ppm (value calculated)
Norway	OEL chemical category (NO)	Carcinogen
Poland	NDS (mg/m³)	1 mg/m³
Romania	OEL TWA (mg/m³)	1,8 mg/m³
Romania	OEL TWA (ppm)	1 ppm
Romania	OEL chemical category (RO)	C1B
Slovenia	OEL TWA (mg/m³)	2 mg/m³
Slovenia	OEL TWA (ppm)	1 ppm

Ethylene oxide (75-21-8)		
Slovenia	OEL STEL (mg/m³)	8 mg/m³
Slovenia	OEL STEL (ppm)	4 ppm
Slovenia	OEL chemical category (SI)	Category 1B, Potential for cutaneous absorption
Sweden	nivågränsvärde (NVG) (mg/m³)	1,8 mg/m³
Sweden	nivågränsvärde (NVG) (ppm)	1 ppm
Sweden	kortidsvärde (KTV) (mg/m³)	9 mg/m³
Sweden	kortidsvärde (KTV) (ppm)	5 ppm
Sweden	OEL chemical category (SE)	Carcinogen, Skin notation
Portugal	OEL TWA (ppm)	1 ppm
Portugal	OEL chemical category (PT)	A2 - Suspected Human Carcinogen,skin - potential for cutaneous exposure

Hydrogen peroxide (7722-84-1)		
Austria	MAK (mg/m³)	1,4 mg/m³
Austria	MAK (ppm)	1 ppm
Austria	MAK Short time value (mg/m³)	2,8 mg/m³
Austria	MAK Short time value (ppm)	2 ppm
Belgium	Limit value (mg/m³)	1,4 mg/m³
Belgium	Limit value (ppm)	1 ppm
Bulgaria	OEL TWA (mg/m³)	1,5 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	1,4 mg/m³
Croatia	GVI (granična vrijednost izloženosti) (ppm)	1 ppm
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (mg/m³)	2,8 mg/m³
Croatia	KGVI (kratkotrajna granična vrijednost izloženosti) (ppm)	2 ppm
France	VME (mg/m³)	1,5 mg/m³
France	VME (ppm)	1 ppm
Greece	OEL TWA (mg/m³)	1,4 mg/m³
Greece	OEL TWA (ppm)	1 ppm
Greece	OEL STEL (mg/m³)	3 mg/m³
USA ACGIH	ACGIH TWA (ppm)	1 ppm
Spain	VLA-ED (mg/m³)	1,4 mg/m³
Spain	VLA-ED (ppm)	1 ppm
Switzerland	KZGW (mg/m³)	0,71 mg/m³
Switzerland	KZGW (ppm)	0,5 ppm
Switzerland	MAK (mg/m³)	0,71 mg/m³
Switzerland	MAK (ppm)	0,5 ppm
United Kingdom	WEL TWA (mg/m³)	1,4 mg/m³
United Kingdom	WEL TWA (ppm)	1 ppm
United Kingdom	WEL STEL (mg/m³)	2,8 mg/m³
United Kingdom	WEL STEL (ppm)	2 ppm
Czech Republic	Expoziční limity (PEL) (mg/m³)	1 mg/m³
Denmark	Grænsevædi (8 timer) (mg/m³)	1,4 mg/m³
Denmark	Grænsevædi (8 timer) (ppm)	1 ppm
Estonia	OEL TWA (mg/m³)	1,4 mg/m³

Hydrogen peroxide (7722-84-1)		
Estonia	OEL TWA (ppm)	1 ppm
Estonia	OEL STEL (mg/m³)	3 mg/m³
Estonia	OEL STEL (ppm)	2 ppm
Estonia	OEL Ceiling (mg/m³)	3 mg/m³
Estonia	OEL Ceiling (ppm)	2 ppm
Finland	HTP-arvo (8h) (mg/m³)	1,4 mg/m³ (also solutions)
Finland	HTP-arvo (8h) (ppm)	1 ppm (also solutions)
Finland	HTP-arvo (15 min)	4,2 mg/m³
Finland	HTP-arvo (15 min) (ppm)	3 ppm
Ireland	OEL (8 hours ref) (mg/m³)	1,5 mg/m³
Ireland	OEL (8 hours ref) (ppm)	1 ppm
Ireland	OEL (15 min ref) (mg/m3)	3 mg/m³
Ireland	OEL (15 min ref) (ppm)	2 ppm
Lithuania	IPRV (mg/m³)	1,4 mg/m³
Lithuania	IPRV (ppm)	1 ppm
Lithuania	NRV (mg/m³)	3 mg/m³
Lithuania	NRV (ppm)	2 ppm
Norway	Grenseverdier (AN) (mg/m³)	1,4 mg/m³
Norway	Grenseverdier (AN) (ppm)	1 ppm
Norway	Grenseverdier (Korttidsverdi) (mg/m3)	2,8 mg/m³
Norway	Grenseverdier (Korttidsverdi) (ppm)	3 ppm
Poland	NDS (mg/m³)	0,4 mg/m³
Poland	NDSCh (mg/m³)	0,8 mg/m³
Slovakia	NPHV (priemerná) (mg/m³)	1,4 mg/m³
Slovakia	NPHV (priemerná) (ppm)	1 ppm
Slovakia	NPHV (Hraničná) (mg/m³)	2,8 mg/m³
Slovenia	OEL TWA (mg/m³)	1,4 mg/m³
Slovenia	OEL TWA (ppm)	1 ppm
Slovenia	OEL STEL (mg/m³)	1,4 mg/m³
Slovenia	OEL STEL (ppm)	1 ppm
Sweden	nivågränsvärde (NVG) (mg/m³)	1,4 mg/m³
Sweden	nivågränsvärde (NVG) (ppm)	1 ppm
Sweden	kortidsvärde (KTV) (mg/m³)	3 mg/m³
Sweden	kortidsvärde (KTV) (ppm)	2 ppm
Sweden	takgränsvärde (TGV) (mg/m³)	3 mg/m³
Sweden	takgränsvärde (TGV) (ppm)	2 ppm
Portugal	OEL TWA (ppm)	1 ppm
Portugal	OEL chemical category (PT)	A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans

Sulfuric acid (7664-93-9)		
EU	IOELV TWA (mg/m³)	0,05 mg/m³ (taking into account potential limitations and interferences which take place in the presence of other Sulphur compounds-mist (thoracic fraction)
Austria	MAK (mg/m³)	0,1 mg/m³ (corresponds to 0.05 mg/m3 Thoracic-inhalable fraction)
Austria	MAK Short time value (mg/m³)	0,2 mg/m³ (inhalable fraction)
Belgium	Limit value (mg/m³)	0,2 mg/m³

Sulfuric acid (7664-93-9)		
Belgium	OEL chemical category (BE)	Carcinogen
Bulgaria	OEL TWA (mg/m³)	0,05 mg/m³ (when choosing a suitable method for monitoring exposure should take into account potential constraints and interactions that may occur in the presence of other sulfur compounds-respirable aerosol)
Croatia	GVI (granična vrijednost izloženosti) (mg/m³)	0,05 mg/m³
Cyprus	OEL TWA (mg/m³)	0,05 mg/m³ (vapor)
France	VME (mg/m³)	0,05 mg/m³ (thoracic fraction)
Germany	Occupational exposure limit value (mg/m³)	0,1 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)
Gibraltar	Eight hours mg/m3	0,05 mg/m³ (when selecting an appropriate exposure monitoring method, account should be taken of potential limitations and interferences that may arise in the presence of other sulphur compounds-thoracic fraction)
Greece	OEL TWA (mg/m³)	0,05 mg/m³ (mist)
USA ACGIH	ACGIH TWA (mg/m³)	0,2 mg/m³ (thoracic particulate matter)
Italy	OEL TWA (mg/m³)	0,05 mg/m³ (When choosing a suitable method for monitoring exposure should take into account potential constraints and interactions that may occur in the presence of other sulfur compounds, respirable fraction-thoracic fraction, mist)
Latvia	OEL TWA (mg/m³)	0,05 mg/m³ (by choosing an appropriate exposure monitoring method there should be taken into account possible restrictions and the impact which could be caused by the presence of other Sulfur components-fog, which is defined as the thoracic fraction)
Spain	VLA-ED (mg/m³)	0,05 mg/m³ (indicative limit value-mist)
Switzerland	KZGW (mg/m³)	0,2 mg/m³ (inhalable dust)
Switzerland	MAK (mg/m³)	0,1 mg/m³ (inhalable dust)
Switzerland	OEL chemical category (CH)	Category C1A carcinogen carcinogenic with threshold value
Netherlands	Grenswaarde TGG 8H (mg/m³)	0,05 mg/m³ (mist, thoracic fraction)
United Kingdom	WEL TWA (mg/m³)	0,05 mg/m³ (mist)
United Kingdom	WEL STEL (mg/m³)	0,15 mg/m³ (calculated-mist)
Czech Republic	Expoziční limity (PEL) (mg/m³)	1 mg/m³ 0,05 mg/m³ (concentrated-mist)
Denmark	Grænsevædi (8 timer) (mg/m³)	0,05 mg/m³ (thoracic fraction-mist)
Estonia	OEL TWA (mg/m³)	1 mg/m³ (particles that reach the upper respiratory tract)
Finland	HTP-arvo (8h) (mg/m³)	0,05 mg/m³ (thoracic fraction)
Finland	HTP-arvo (15 min)	0,1 mg/m³ (thoracic fraction)
Hungary	AK-érték	0,05 mg/m³ (respirable fraction of the thoracic fraction)
Ireland	OEL (8 hours ref) (ppm)	0,05 ppm
Ireland	OEL (15 min ref) (ppm)	0,15 ppm (calculated)

Sulfuric acid (7664-93-9)		
Lithuania	IPRV (mg/m³)	0,05 mg/m³ (vapor)
Lithuania	TPRV (mg/m³)	3 mg/m³ (fog-vapor)
Luxembourg	OEL TWA (mg/m³)	0,05 mg/m³ (thoracic fraction)
Malta	OEL TWA (mg/m³)	0,05 mg/m³ (mist)
Norway	Grenseverdier (AN) (mg/m³)	0,1 mg/m³ (thoracic fraction)
Norway	Grenseverdier (Korttidsverdi) (mg/m3)	0,3 mg/m³ (value calculated-thoracic fraction)
Norway	OEL chemical category (NO)	Carcinogen aerosol
Poland	NDS (mg/m³)	0,05 mg/m³ (thoracic fraction)
Romania	OEL TWA (mg/m³)	0,05 mg/m³ (when selecting an appropriate exposure monitoring method there should be taken in account the potential limitations and interferences that may arise because of other Sulfur compounds presence-thoracic fraction)
Slovakia	NPHV (priemerná) (mg/m³)	0,05 mg/m³
Slovenia	OEL TWA (mg/m³)	0,05 mg/m³ (inhalable fraction, fog)
Slovenia	OEL STEL (mg/m³)	0,05 mg/m³ (inhalable fraction, fog)
Sweden	nivågränsvärde (NVG) (mg/m³)	0,1 mg/m³ (inhalable fraction)
Sweden	kortidsvärde (KTV) (mg/m³)	0,2 mg/m³ (inhalable fraction)
Sweden	OEL chemical category (SE)	Carcinogen aerosols
Portugal	OEL TWA (mg/m³)	0,05 mg/m³ (thoracic fraction-mist)
Portugal	OEL chemical category (PT)	A2 - Suspected Human Carcinogen present in strong inorganic acid mixtures

Benzyl acetate (140-11-4)		
Belgium	Limit value (mg/m³)	62 mg/m³
Belgium	Limit value (ppm)	10 ppm
USA ACGIH	ACGIH TWA (ppm)	10 ppm
Latvia	OEL TWA (mg/m³)	5 mg/m³
Spain	VLA-ED (mg/m³)	62 mg/m³
Spain	VLA-ED (ppm)	10 ppm
Denmark	Grænsevædi (8 timer) (mg/m³)	61 mg/m³
Denmark	Grænsevædi (8 timer) (ppm)	10 ppm
Ireland	OEL (8 hours ref) (ppm)	10 ppm
Ireland	OEL (15 min ref) (ppm)	30 ppm (calculated)
Lithuania	IPRV (mg/m³)	5 mg/m³
Romania	OEL TWA (mg/m³)	50 mg/m³
Romania	OEL TWA (ppm)	8 ppm
Romania	OEL STEL (mg/m³)	80 mg/m³
Romania	OEL STEL (ppm)	13 ppm
Portugal	OEL TWA (ppm)	10 ppm
Portugal	OEL chemical category (PT)	A4 - Not Classifiable as a Human Carcinogen

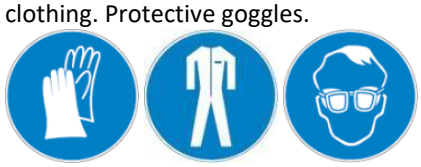
D-Limonene (5989-27-5)		
Germany	Occupational exposure limit value (mg/m³)	28 mg/m³ (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	Occupational exposure limit value (ppm)	5 ppm (the risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed)
Germany	Chemical category	Skin notation, Skin sensitization

D-Limonene (5989-27-5)		
Spain	VLA-ED (mg/m³)	168 mg/m³
Spain	VLA-ED (ppm)	30 ppm
Spain	OEL chemical category (ES)	Sensitizer, skin - potential for cutaneous absorption
Switzerland	KZGW (mg/m³)	80 mg/m³
Switzerland	KZGW (ppm)	14 ppm
Switzerland	MAK (mg/m³)	40 mg/m³
Switzerland	MAK (ppm)	7 ppm
Switzerland	OEL chemical category (CH)	Sensitizer
Finland	HTP-arvo (8h) (mg/m³)	140 mg/m³
Finland	HTP-arvo (8h) (ppm)	25 ppm
Finland	HTP-arvo (15 min)	280 mg/m³
Finland	HTP-arvo (15 min) (ppm)	50 ppm
Norway	Grenseverdier (AN) (mg/m³)	140 mg/m³
Norway	Grenseverdier (AN) (ppm)	25 ppm
Norway	Grenseverdier (Korttidsverdi) (mg/m3)	175 mg/m³ (value calculated)
Norway	Grenseverdier (Korttidsverdi) (ppm)	37,5 ppm (value calculated)
Norway	OEL chemical category (NO)	Sensitizing substance
Slovenia	OEL TWA (mg/m³)	28 mg/m³
Slovenia	OEL TWA (ppm)	5 ppm
Slovenia	OEL STEL (mg/m³)	112 mg/m³
Slovenia	OEL STEL (ppm)	20 ppm
Slovenia	OEL chemical category (SI)	Potential for cutaneous absorption

8.2. Exposure controls

Appropriate engineering controls : For occupational/workplace settings: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Personal protective equipment : For occupational/workplace settings and bulk quantities: Gloves. Protective clothing. Protective goggles.



Materials for protective clothing : For occupational/workplace settings: Chemically resistant materials and fabrics.

Hand protection : For occupational/workplace settings: Wear protective gloves.

Eye protection : For occupational/workplace settings: Chemical safety goggles.

Skin and body protection : For occupational/workplace settings: Wear suitable protective clothing.

Respiratory protection : If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other information : When using, do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid

Colour : Clear

Odour : As described on label

Odour threshold : No data available

pH : 6,25 - 6,61

Evaporation rate : No data available

Melting point	:	No data available
Freezing point	:	No data available
Boiling point	:	215 °F (101,67 °C)
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 at 20 °C	:	No data available
Density	:	1,021 - 1,027 g/cc @ 20 °C (68 °F)
Solubility	:	Complete in water
Partition coefficient: n-octanol/water	:	No data available
Viscosity	:	No data available
Explosive properties	:	No data available
Oxidising properties	:	No data available
Explosive limits	:	Not applicable

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Hazardous reactions will not occur under normal conditions.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight, extremely high or low temperatures, and incompatible materials.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizers.

10.6. Hazardous decomposition products

Oxygen.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified (Based on available data, the classification criteria are not met)

Alcohols, C12-15, ethoxylated (68131-39-5)	
LD50 oral rat	1600 - 2700 mg/kg
LD50 dermal rat	5000 mg/kg

Ethylene oxide (75-21-8)	
LD50 oral rat	72 mg/kg
LC50 inhalation rat (ppm)	800 ppm/4h
ATE CLP (vapours)	3,00 mg/l/4h
ATE CLP (dust,mist)	0,50 mg/l/4h

Alcohols, C10-16, ethoxylated (68002-97-1)	
ATE CLP (oral)	500,00 mg/kg bodyweight

Hydrogen peroxide (7722-84-1)	
LD50 oral rat	1193 mg/kg (Species: Sprague-Dawley; Exposure time: 4 h)
LD50 oral	311 mg/kg
LD50 dermal rat	4060 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
ATE CLP (dust,mist)	1,50 mg/l/4h

Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)	
LD50 oral rat	775 mg/kg

Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)	
LD50 dermal rat	> 2000 mg/kg
LC50 inhalation rat (mg/l)	> 1,9 mg/l/4h (No deaths)

Sulfuric acid (7664-93-9)	
LD50 oral rat	2140 mg/kg

Benzyl acetate (140-11-4)	
LD50 oral rat	2490 mg/kg
LD50 dermal rabbit	> 5000 mg/kg

D-Limonene (5989-27-5)	
LD50 oral rat	4400 mg/kg
LD50 dermal rabbit	> 5 g/kg

Skin corrosion/irritation : Causes skin irritation. (pH: 6,25 - 6,61)
Serious eye damage/irritation : Causes serious eye damage. (pH: 6,25 - 6,61)
Respiratory or skin sensitisation : Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity : Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity : Not classified (Based on available data, the classification criteria are not met)

Ethylene oxide (75-21-8)	
IARC group	1
National Toxicology Program (NTP) Status	Known Human Carcinogens.

Hydrogen peroxide (7722-84-1)	
IARC group	3

Sulfuric acid (7664-93-9)	
IARC group	1

Benzyl acetate (140-11-4)	
IARC group	3

D-Limonene (5989-27-5)	
IARC group	3
National Toxicology Program (NTP) Status	Evidence of Carcinogenicity.

Reproductive toxicity : Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure : Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure : Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard : Not classified (Based on available data, the classification criteria are not met)
Symptoms/Injuries After Inhalation : Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact : Redness, pain, swelling, itching, burning, dryness, and dermatitis.
Symptoms/Injuries After Eye Contact : Causes permanent damage to the cornea, iris, or conjunctiva.
Symptoms/Injuries After Ingestion : Ingestion may cause adverse effects.
Chronic Symptoms : None expected under normal conditions of use.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Not classified.

Ethylene oxide (75-21-8)	
LC50 fish 1	73 - 96 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 Daphnia 1	137 - 300 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Hydrogen peroxide (7722-84-1)	
LC50 fish 1	16,4 mg/l (Exposure time: 96 h - Species: Pimephales promelas)
EC50 Daphnia 1	18 - 32 mg/l (Exposure time: 48 h - Species: Daphnia magna [Static])
LC50 fish 2	18 - 56 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])

Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)	
LC50 fish 1	3 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss [static])

Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)	
EC50 Daphnia 1	2,9 mg/l (Exposure time: 48 h - Species: Daphnia magna)
ErC50 (algae)	170 mg/l (Exposure time: 96h - Species: Selenastrum capricornutum)

Sulfuric acid (7664-93-9)	
LC50 fish 1	500 mg/l (Exposure time: 96 h - Species: Brachydanio rerio [static])
LC50 fish 2	42 mg/l (Exposure time: 96 h - Species: Gambusia affinis [static])

Benzyl acetate (140-11-4)	
LC50 fish 1	4 mg/l
NOEC chronic fish	0,92 mg/l

D-Limonene (5989-27-5)	
LC50 fish 1	0,619 (0,619 - 0,796) mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])
EC50 Daphnia 1	0,421 mg/l
LC50 fish 2	35 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)

12.2. Persistence and degradability

OxiClean™ Laundry Stain Remover	
Persistence and degradability	Not established.

12.3. Bioaccumulative potential

OxiClean™ Laundry Stain Remover	
Bioaccumulative potential	Not established.

Ethylene oxide (75-21-8)	
Log POW	-0,3 (at 25 °C)

Hydrogen peroxide (7722-84-1)	
BCF fish 1	(no bioaccumulation)

Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)	
Log POW	2 (at 23 °C)

Sulfuric acid (7664-93-9)	
BCF fish 1	(no bioaccumulation)

Benzyl acetate (140-11-4)	
Log POW	1,96

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

Other information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional information : Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

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

ADR	IMDG	IATA	ADN	RID

14.1. UN number

Not regulated for transport

ADR	IMDG	IATA	ADN	RID
14.2. UN proper shipping name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
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

14.6. Special precautions for user

No additional information available

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

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Ethylene oxide (75-21-8)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Hydrogen peroxide (7722-84-1)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Benzenesulfonic acid, C10-16-alkyl derivatives (68584-22-5)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Sulfuric acid (7664-93-9)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

Benzyl acetate (140-11-4)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

D-Limonene (5989-27-5)
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Section Header	Change	Date Changed
2	Hazards identification	Modified	26/06/2020
3	Composition/information on ingredients	Modified	26/06/2020
12	Ecological information	Modified	26/06/2020

Date of Preparation or Latest Revision : 26/06/2020

Data sources : According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Full text of H- and EUH-statements:

Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 3 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 3
Acute Tox. 3 (Oral)	Acute toxicity (oral), Category 3
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4

Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Carc. 1B	Carcinogenicity, Category 1B
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Gas 1	Flammable gases, Category 1
Flam. Liq. 1	Flammable liquids, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
Muta. 1B	Germ cell mutagenicity, Category 1B
Ox. Liq. 1	Oxidising Liquids, Category 1
Ox. Liq. 2	Oxidising Liquids, Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H220	Extremely flammable gas.
H224	Extremely flammable liquid and vapour.
H226	Flammable liquid and vapour.
H271	May cause fire or explosion; strong oxidiser.
H272	May intensify fire; oxidiser.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H340	May cause genetic defects.
H350	May cause cancer.
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.

Church&Dwight EU GHS SDS

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