

PERBAC AGRI
Code: 00V10

Safety Data Sheet compliant with Regulation (EU) 2020/878

Version **7.1.0**
Creation date : **2025-05-16**
Revision: **2026-03-31**
Print Date : 2026-03-31

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

1.1. Product identifier

Trade name PERBAC AGRI

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

Use of the product

ACID LIQUID
FARM
FOOD INDUSTRY
BREWERIES
A biocidal industrial cleaner and disinfectant for circulation cleaning and industrial sanitisation

Uses advised against

The product must not be used for purposes other than those specified above and in the Product Data Sheet, without first obtaining written handling instructions from the supplier

1.3. Details of the supplier of the safety data sheet

Company identification

Out of hours Emergency Telephone Number +44 (0) 1865 407333
UK - Holchem Laboratories Ltd. Gateway House,
Pilsworth Road, Bury, BL9 8RD
Tel : +44 (0) 1706 222288; e-mail info@holchem.co.uk
EU - HYPRED SAS
55, Boulevard Jules Verger B.P 10180
35803 DINARD Cedex - FRANCE
Tél : +33 (0)2 99 16 50 00 / Fax : +33 (0)2 99 16 50 20
e-mail : kersia@kersia-group.com

For information regarding this safety data sheet, please contact :
regulatory@kersia-group.com

1.4. Emergency telephone number

Emergency phone number

Emergency direct number (24 hours a day, 7 days a week) : +44 1273 289451

CARECHEM 24 Great Britain
Tel. +44 1865 407333

NHS : 111

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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

The mixture meets the classification criteria provided for under Regulation (EC) No 1272/2008.

Organic peroxide Typ F	H242: Heating may cause a fire.
Substance corrosive to metals - Category 1	H290: May be corrosive to metals.
Acute toxicity - Category 4 (per oral route)	H302: Harmful if swallowed.
Acute toxicity - Category 4 (per dermal route)	H312: Harmful in contact with skin.
Skin corrosion - Category 1A	H314: Causes severe skin burns and eye damage.
Serious damage to eyes - Category 1	H318: Causes serious eye damage.
Acute toxicity - Category 4 (inhalation)	H332: Harmful if inhaled.
Specific target organ toxicity (STOT) - single exposure - Category 3	H335: May cause respiratory irritation.
Hazardous to the aquatic environment – Acute - Category 1	H400: Very toxic to aquatic life.
Hazardous to the aquatic environment – Chronic - Category 1	H410: Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Labelling according to 1272/2008/EC Regulation:

Hazard pictograms(s) :



Signal word :
Danger

Contains : acetic acid+ Peracetic acid+ Hydrogen peroxide

Hazard statement(s) :
H242: Heating may cause a fire.
H290: May be corrosive to metals.

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H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H314: Causes severe skin burns and eye damage.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H410: Very toxic to aquatic life with long lasting effects.
EUH 071: Corrosive to the respiratory tract.

Precautionary statement(s) :

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 vapours/spray.
P264: Wash hands thoroughly after handling.
P271: Use only outdoors or in a well-ventilated area.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P330 + P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353 + P310: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Immediately call a POISON CENTER or doctor/physician.
P305 + P351 + P338 + P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.
P363: Wash contaminated clothing before reuse.
P391: Collect spillage.
P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
P411: Store at temperatures not exceeding ... °C/...°F.
P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3. Other hazards

Danger of breaking down under the action of warming or heat.
Risk of breaking down in contact with metals, bases, reducing agents or flammable materials.
The mixture does not contain substance identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. in concentration greater than 0.1%.
The mixture does not contain any substance responding to criteria for classification as PBT or vPvB in accordance with Annex XIII of Regulation (EC) No 1907/2006.
The mixture does not contain substance identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. in concentration greater than 0.1%.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1. Substances**

Not applicable as this involves a mixture.

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3.2. Mixtures

Chemical nature of the mixture : ACID LIQUID

Substance(s)	CAS number(s)	EINECS number(s)	index	No registration REACH	Classification according to Regulation (EC) 1272/2008	SCL M-factor ATE	Type
10% <= Hydrogen peroxide < 25%	7722-84-1	231-765-0	008-003-00-9		Ox. Liq. 1 H271 Acute Tox. 4 (inhalation) H332 Acute Tox. 4 (oral) H302 STOT SE 3 H335 Aquatic Chronic 3 H412 Eye Dam. 1 H318 Skin Corr. 1A H314	C ≥ 70% Ox. Liq. 1 H271 35% ≤ C < 50% Skin Irrit. 2 H315 STOT SE 3 H335 8% ≤ C < 50% Eye Dam. 1 H318 5% ≤ C < 8% Eye Irrit. 2 H319	(1)
5% <= acetic acid < 10%	64-19-7	200-580-7	607-002-00-6		Flam. Liq. 3 H226 Skin Corr. 1A H314	C ≥ 90% Skin Corr. 1A H314 25% ≤ C < 90% Skin Corr. 1B H314 10% ≤ C < 25% Skin Irrit. 2 H315 Eye Irrit. 2 H319	(1) (2)
4.5% <= Peracetic acid <= 5.5%	79-21-0	201-186-8	607-094-00-8		Org. Perox. D H242 Acute Tox. 3 (oral) H301 Acute Tox. 2 (dermal) H310 Skin Corr. 1A H314 Acute Tox. 2 (inhalation) H330 Aquatic Acute 1 H400 Aquatic Chronic 1 H410 EUH 071 Flam. Liq. 3 H226 STOT SE 3 H335	C ≥ 1% STOT SE 3 H335 Org. Perox. D H242 Acute Tox. 3 (oral) H301 Acute Tox. 2 (dermal) H310 Skin Corr. 1A H314 Acute Tox. 2 (inhalation) H330 Aquatic Acute 1 H400 M Factor (Acute) 10 M Factor (Chronic) 100 ATE (orally) : 80 mg/kg bw day ATE (dermal) : 60 mg/kg bw day ATE (par inhalation) : 0.2 mg/L	(1)

Type

- (1) : Substance classified as hazardous for health and/or the environment
(2) : Substance with an exposure limit at the work station.
Substance of very high concern candidate for the authorisation procedure:
(3) : Substance considered as PBT (persistent, bioaccumulable, toxic)
(4) : Substance considered as vPvB (very persistent, very bioaccumulable)
(5) : Substance considered as carcinogenic category 1A
(6) : Substance considered as carcinogenic category 1B
(7) : Substance considered as mutagenic category 1A
(8) : Substance considered as mutagenic category 1B
(9) : Substance considered as reprotoxic category 1A
(10) : Substance considered as reprotoxic category 1B
(11) : Substance considered as endocrine disrupter

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(12) : Other substance considered hazardous to health or the environment

(N) : Nanomaterial

(M) : Microorganisms

Full text of H- and EUH- phrases : see section 16.

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures**

General indications:

Take the contaminated clothes and shoes off immediately. Wash them before wearing them again.

In case of faintness , get medical advice/attention. Show this safety data sheet to the doctor.

In the event of inhalation :

Bring to fresh air.

Put into practice respiratory help procedure if needed and get medical advice immediately.

In the event of contact with the skin :

Take off immediately all contaminated clothing.

Wash immediately with plenty of water for 15 minutes at least.

Immediately call a POISON CENTER or doctor/physician.

In the event of contact with the eyes :

Rinse at once with a soft stream of water for at least 15 minutes, eyes wide open.

Remove contact lenses if present and easy to do. Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

In the event of ingestion :

Rinse mouth.

Do NOT induce vomiting.

Send to hospital.

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

Skin contact : Harmful in contact with skin.

Corrosive : Causes severe burns.

Eye contact : Causes serious eye damage.

Ingestion : Causes severe burns in mouth and digestive tract.

Harmful : possible risk of irreversible effects if swallowed.

Inhalation : Corrosive to the respiratory tract.

Inhaling vapours or aerosols can irritate respiratory tracts, including irritation of the nose and throat, a cough and difficulty breathing.

May cause a respiratory system irritation.

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

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Treatments : Symptomatic treatment

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media :

Waterspray.

Foam, powder, carbon dioxide.

Agents compatible with other products involved into fire.

Unsuitable extinguishing media :

Organic compounds

5.2. Special hazards arising from the substance or mixture

Thermal decomposition gives Oxygen, that can enhance sites of combustion.

The thermal decomposition can release/form:

- Sulphur oxides (SO_x)
- carbon monoxide (CO)
- carbon dioxide (CO₂)

5.3. Advice for firefighters

Wear independent respiratory equipment and protective suit.

Collect contaminated firefighting water separately, must not be discharged into the drains.

Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel :

Evacuate non-essential staff and those not equipped with individual protection apparatus.

6.1.2. For emergency responders :

Evacuate the personnel to a safe location.

Keep people upwind and away from the location of the flow/leak.

Use personal protection equipment.

6.2. Environmental precautions

Intervention limited to trained staff.

Do not discharge the product directly to sewer or to environment.

Take as soon as possible all incompatible materials away.

6.3. Methods and material for containment and cleaning up

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Small spillage :
Pump in a reservoir of help.

Large spillage :
Mark out, soak up with an inert absorbant and pump in an emergency tank.
Do not use: textiles, sawdust, flammable substances.
Never return spills in original containers for re-use.
Keep in suitable, properly labelled and closed containers for disposal.

6.4. Reference to other sections

Respect protective measures presented at heading 8.
Refer to section 13 for the elimination.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin, eyes and clothing.
Do not inhale vapour, aerosols, mist.
Do not eat, drink or smoke in work area. Avoid projections during use.
Take off immediately all contaminated clothing.
Keep away from incompatible matters (see heading 10).

7.2. Conditions for safe storage, including any incompatibilities

7.2.1. Storage :

Keep only in the original container.
Keep in a clean, cool and well-ventilated place away from sources of heat and intense light.
Keep away from incompatible matters (see heading 10).
Keep container closed.

7.2.2. Packaging or wrapping materials :

High density polyethylene recommended.

7.3. Specific end use(s)

PERBAC AGRI is for use as a biocide.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limit values :

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Substance	CAS number	Country	Type	Value	Unit	Comments	source
acetic acid	64-19-7	EU	OEL 8h	10	ppm	15 minutes average value	International limit values for chemical agents
				25	mg/m ³	15 minutes average value	International limit values for chemical agents
			OEL Short term	20	ppm	15 minutes average value	International limit values for chemical agents
				50	mg/m ³	15 minutes average value	International limit values for chemical agents
		GBR	OEL 8h	10	ppm	15 minutes average value	International limit values for chemical agents
				25	mg/m ³	15 minutes average value	International limit values for chemical agents
			OEL Short term	20	ppm	15 minutes average value	International limit values for chemical agents
				50	mg/m ³	15 minutes average value	International limit values for chemical agents
Hydrogen peroxide	7722-84-1	GBR	OEL 8h	1	ppm	15 minutes average value	International limit values for chemical agents
				1,4	mg/m ³	15 minutes average value	International limit values for chemical agents
			OEL Short term	2	ppm	15 minutes average value	International limit values for chemical agents
				2,8	mg/m ³	15 minutes average value	International limit values for chemical agents
Peracetic acid	79-21-0	BEL	OEL Short term	0,4	ppm	Inhalable fraction and vapour (2) 15 minutes average value	International limit values for chemical agents
				1,24	mg/m ³	Inhalable fraction and vapour (2) 15 minutes average value	International limit values for chemical agents
		CHE	OEL 8h	0,1	ppm	15 minutes average value	International limit values for chemical agents
				0,3	mg/m ³	15 minutes average value	International limit values for chemical agents
			OEL Short term	0,1	ppm	15 minutes average value	International limit values for chemical agents
				0,3	mg/m ³	15 minutes average value	International limit values for chemical agents
		DEU	OEL 8h	0,1	ppm	15 minutes average value	International limit values for chemical agents (German Research Foundation)
				0,316	mg/m ³	15 minutes average value	International limit values for chemical agents (German Research Foundation)
			OEL Short term	0,1	ppm	15 minutes average value	International limit values for chemical agents (German Research Foundation)
				0,316	mg/m ³	15 minutes average value	International limit values for chemical agents (German Research Foundation)
		FIN	OEL 8h	0,2	ppm	15 minutes average value	International limit values for chemical agents
				0,6	mg/m ³	15 minutes average value	International limit values for chemical agents
			OEL Short term	0,5	ppm	15 minutes average value	International limit values for chemical agents
				1,5	mg/m ³	15 minutes average value	International limit values for chemical agents
		IRL	OEL Short term	0,4	ppm	Inhalable fraction (2) 15 minutes average value	International limit values for chemical agents
		POL	NDS 8h	0,8	mg/m ³	15 minutes average value	International limit values for chemical agents
			NDSch Short term	1,6	mg/m ³	15 minutes average value	International limit values for chemical agents

8.2. Exposure controls

According to the requirements of Directive 98/24 /EC, the employer is required to conduct a risk assessment and implement appropriate risks management measures.

* For any situation where the absence of risk is not proven, he must consider the substitution or reduction of risk by improving in priority processes used and collective protection measures. The effectiveness of the solutions implemented will be checked by measurement in comparison to the statutory limit values for substances defined in Section 8.1.

* If the risk remains after these corrective actions, he must always check by routinely measuring compliance with regulatory OEL if they exist in section 8.1 and apply all the individual protective measures given in section 8.2.

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* When formalized risk assessment indicates a low risk to workers' health, control of compliance with regulatory OEL may not be considered and all individual protection measures is not always mandatory.

8.2.1. Appropriate engineering controls :

Ensure adequate ventilation.

Apply the necessary technical measures to comply with the professional exposure limit values.

8.2.2. Individual protection measures, such as personal protective equipment :

Eye/face protection :

Use safety glasses or facial screen in conformity with the EN ISO 16321-1 standard.



Hand protection :

Use chemical resistant gloves approved to EN 374.

Examples of preferred materials for insulating gloves:

PVC

Neoprene.

Butyl rubber.



Skin protection :

Wear boots and a protective cloth with chemical resistance.



Respiratory protection :

At the time of handling leading to vapor formation, wear a half-mask in compliance with the European standard EN 140 or a complete mask with a filter in conformity with the European standard EN 136 (in conformity with the European standard EN 141 or EN 14387) of type: ABEK.

At the time of applications by spraying (leading to aerosols), wear a half-mask in compliance with the European standard EN 140 or a complete mask in conformity with the European standard EN 136 equipped with a filter (in conformity with the European standard EN 143) of the following type:

P: Particles, solid aerosols and liquids.

It is possible to combine the anti-vapor filters and anti-aerosols.



Thermal hazards :

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Not applicable

Health measures :

Safety shower and eye wash fountain near to workplace.
 After using, wash systematically all personal protective equipment.
 Handle in accordance with good industrial hygiene practices and the safety instructions.

8.2.3. Environmental exposure controls :

Do not discharge the product directly to sewer or to environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Limpid, fluid liquid
Colour	Colourless
Odour	Pungent acidic
Odour threshold	Not available
Melting point	Not applicable
Freezing point	Not available
Boiling point	Not available
Flammability	Not available
Lower explosive limit	Not available
upper explosive limit	Not available
Flash point	74 - 83 °C
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Pure pH	< 1
kinematic viscosity	Not available
Solubility	Not available
Partition coefficient: n-octanol/water	Not available
Vapour pressure	Not available
Mass density	≈ 1.1 g/cm ³
Relative density	Not available
Vapour density	Not available
Particle characteristics	Not applicable

9.2. Other information

Explosive properties	Not applicable
Oxidising properties	
Evaporation rate:	Not available

SECTION 10: STABILITY AND REACTIVITY

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10.1. Reactivity

Danger of breaking down under the action of warming or heat.

10.2. Chemical stability

Stable in the recommended storage and handling conditions.

10.3. Possibility of hazardous reactions

Avoid the contact with the basis, metals, reducing agents, organic and inflammable matters.

10.4. Conditions to avoid

Light, heat.

10.5. Incompatible materials

Basis.
Organic matters.
Metals.
Flammable substances.
Reducing agents.

10.6. Hazardous decomposition products

Release of oxygen.

These data are given for the concentrated mixture. The use of the mixture under its diluted form must be performed in conformity with data given by the technical data sheet and the technical adviser.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on hazard classes as defined in Regulation (EC) N°1272/2008**Substance-related data:

Acute toxicity

Peracetic acid (100%) : ATE (orally) 80 mg/kg bw. - Echa

Peracetic acid (100%) : ATE (dermal) 60 mg/kg bw. - Echa

acetic acid (100%) : LD 50 - oral rat 3,310 mg/kg. - MSDS supplier

acetic acid (100%) : LD 50 - dermal mouse 4,960 mg/kg. - MSDS supplier

acetic acid (100%) : LC 50 - inhalation - 4hours rat 11.4 mg/L. - vapour - MSDS supplier

Hydrogen peroxide (100%) : LD 50 - oral rat 431 mg/kg. - MSDS supplier

Hydrogen peroxide (100%) : LD 50 - dermal rabbit (OECD 402): > 2,000 mg/kg. - MSDS supplier

Peracetic acid (100%) : ATE (par inhalation) 0.2 mg/L. - dust/mists - Echa

Mix-related data:

Acute toxicity

. Harmful by inhalation, in contact with skin and if swallowed.

Skin corrosion/irritation

Skin corrosivity . The mix is considered to be corrosive for the skin under the criteria of Regulation 1272/2008/EC.

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Serious damage to eyes/eye irritation

Ocular corrosivity . Causes serious eye damage according to the criteria of Regulation 1272/2008/EC.

Respiratory / skin sensitisation

Skin sensitisation . The mixture is not considered as a skin sensitizer according to 1272/2008/EC Regulation.

Respiratory sensitisation . The mixture is not considered as a respiratory sensitizer according to 1272/2008/EC Regulation.

Mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

Specific target organ toxicity - single exposure

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

Specific target organ toxicity - repeated exposure

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

Aspiration hazard

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

Most important symptoms and effects, both acute and delayed :

Skin contact : Harmful in contact with skin.

Corrosive : Causes severe burns.

Eye contact : Causes serious eye damage.

Ingestion : Causes severe burns in mouth and digestive tract.

Harmful : possible risk of irreversible effects if swallowed.

Inhalation : Corrosive to the respiratory tract.

Inhaling vapours or aerosols can irritate respiratory tracts, including irritation of the nose and throat, a cough and difficulty breathing.

May cause a respiratory system irritation.

11.2. Information on other hazards**11.2.1. Endocrine disrupting properties**

Not concerned

SECTION 12: ECOLOGICAL INFORMATION**12.1. à 12.4. Toxicity - Persistence and degradability - Bioaccumulative potential - Mobility in soil****Substance-related data:**

Acute toxicity

acetic acid (100%) : LC 50 fishes (Oncorhynchus mykiss) > 300.82 mg/L. - MSDS supplier

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acetic acid (100%) : EC 50 Aquatic invertebrates (Daphnia magna) > 300.82 mg/L. - MSDS supplier
acetic acid (100%) : EC 50 - 72hours algae (Skeletonema costatum) > 300.82 mg/L. - MSDS supplier
Hydrogen peroxide (100%) : LC 50 fishes (Pimephales promelas) 16.4 mg/L. - MSDS supplier
Hydrogen peroxide (100%) : EC 50 Aquatic invertebrates 2.4 mg/L. - MSDS supplier
Hydrogen peroxide (100%) : EC 50 - 72hours algae (Skeletonema costatum) 1.38 . - MSDS supplier
Peracetic acid (100%) : LC 50 fishes 1.1 mg/L. - MSDS supplier
Peracetic acid (100%) : EC 50 Aquatic invertebrates 0.73 mg/L. - MSDS supplier
Peracetic acid (100%) : EC 50 - 72hours algae (Selenastrum capricornutum) 0.16 mg/L. - MSDS supplier

Chronic toxicity

Hydrogen peroxide (100%) : LOEC - 21days Aquatic invertebrates (Daphnia magna) 1.25 mg/L. - MSDS supplier
Hydrogen peroxide (100%) : NOEC - 21days Aquatic invertebrates (Daphnia magna) 0.63 mg/L. - MSDS supplier
Peracetic acid (100%) : NOEC fishes (Brachydanio rerio) 0.000,94 mg/L. - MSDS supplier
Peracetic acid (100%) : NOEC Aquatic invertebrates (Daphnia magna) 0.012 mg/L. - MSDS supplier
Peracetic acid (100%) : NOEC algae (Selenastrum capricornutum) 0.061 mg/L. - MSDS supplier

Mix-related data: :**Acute toxicity**

fishes . No data available.
daphnia . No data available.
algae . No data available.

Chronic toxicity

. No data available.

Degradability

. No data available.

Bioaccumulation

. No data available.

Mobility

. No data available.

Conclusion :

The mixture is considered to be dangerous for the environment according to 1272/2008/EC Regulation.

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB

12.6 Endocrine disrupting properties

Not concerned

12.7. Other adverse effects

No additional information available.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

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Treatment of the mixture :

Do not discharge the product directly to sewer or to environment.

Comply with Directive 2008/98/EC of 19/11/2008 amended, relating to waste and to Decision 2000/532/EC (amended ultimately by Decision 2014/955/EC) that establishes a list of hazardous waste that must be taken to an approved centre.

Packaging treatment :

Rinse thoroughly the packaging with water and treat the effluent like wastes.

Comply with Directive 2008/98/EC of 19/11/2008 amended, relating to waste and to Decision 2000/532/EC (amended ultimately by Decision 2014/955/EC) that establishes a list of hazardous waste that must be taken to an approved centre.

SECTION 14: TRANSPORT INFORMATION

ROAD TRANSPORT: Rail/Route (RID/ADR)

14.1 UN number or ID number : 3109

14.2 UN proper shipping name :

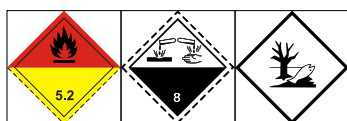
ORGANIC PEROXIDE TYPE F, LIQUID (Peracetic acid)

14.3 Transport hazard class(es) : 5.2 (8)

14.4 Packing group :

Hazard identification number : 539

Label : 5.2 (8)



Tunnel code : (D)

14.5 Environmental hazards : Yes (Peracetic acid)

14.6 Special precautions for user : No information.

Limited Quantity (QL): 0.125L

MARITIME TRANSPORT : IMDG

14.1 UN number or ID number : 3109

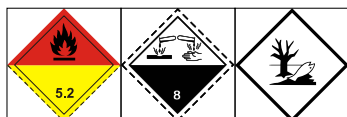
14.2 UN proper shipping name : ORGANIC PEROXIDE TYPE F, LIQUID (Peracetic acid)

14.3 Transport hazard class(es) : 5.2 (8)

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14.4 Packing group :

14.5 Environmental hazards
Marine pollutant : Yes (Peracetic acid)

14.6 Special precautions for user : No information.
EmS number : F-J, S-R
IMDG segregation group (SGG16) - segregation code (SG35 - SG36 - SG72)

Limited Quantity (QL): 0.125L

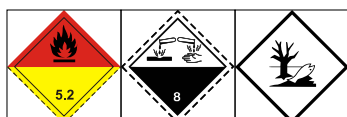
14.7 Maritime transport in bulk according to IMO instruments : Not concerned

AIR TRANSPORT : IATA

14.1 UN number or ID number :3109

14.2 UN proper shipping name : ORGANIC PEROXIDE TYPE F, LIQUID (Peracetic acid)

14.3 Transport hazard class(es) : 5.2 (8)



14.4 Packing group :

Packing instruction Limited quantities passengers and cargo aircraft : Forbidden
Limited Quantities passengers and cargo aircraft : Forbidden

Packing instruction passengers and cargo aircraft : 570
Max. net quantity passengers and cargo aircraft : 10L

Packing instruction cargo aircraft : 570
Max. net quantity cargo aircraft : 25L

Special provisions : A120 A150 A802

ERG code : 5L

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SECTION 15: REGULATORY INFORMATION

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

Regulation (EU) n°528/2012 concerning the making available on the market and use of biocidal products :
Active ingredient: Peracetic acid

Regulations relating to the hazards from major accidents :
SEVESO 3 Directive (2012/18/EC) : P6b E1

Regulations relating to the classification, packaging and labelling of substances and mixtures :
Regulation (EC) 1272/2008 amended.

Waste regulations :
2008/98/EC Directive amended by 2015/1127/EC Directive - Regulation 1357/2014/EC
Decision 2014/955/EC which establishes the list of hazardous waste.

Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals : Not concerned

Protection of workers :
Directive 98/24/EC of 07/04/1998 on the protection of the health and safety of workers from the risks related to chemical agents at work.

Regulation (EU) 2019/1021 of 20 June 2019 on persistent organic pollutants : Not applicable

Regulation (EC) 1005/2009 amended on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors:
Acquisition, introduction, possession or use of this product by the general public is restricted by Regulation (EU) 2019/1148. All suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point.

Regulation (EC) 648/2004 :
Not concerned

Comply with national and local legislation.

UN Globally Harmonised System (GHS) on Classification and Labelling of Chemical (GB CLP - SI 2020 No. 1567) and UK REACH (SI 2020 No. 1577)

15.2. Chemical safety assessment

This safety data sheet has been drafted taking into account the information from exposure scenarios for the substances making up the mixture.

SECTION 16: OTHER INFORMATION

PERBAC AGRI

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The safety data sheet is additional to the technical data sheet but does not replace it. The information given here in is to the best of our knowledge correct and is given in good faith. We must also draw the user's attention on potential risks of the product is used for other purposes for which the product is known.

In no way does it exempt users from being aware of and complying with regulations applicable to their activity. It is their sole responsibility to take all necessary precautions in accordance to the usage of the product they are aware of.

Regulations are only stated in order to help users fulfill the duties involved in the use of the product.

This description should not be considered as exhaustive. It does not exempt users from ensuring if other demands need to be complied with-according to other laws than the ones hereby stated and applicable to holding and usage of the product-demands for which they will remain sole responsibility.

The classification of this product has been established in accordance with Regulation (EC) 1272/2008 (CLP) and associated guidance, on the basis of the data available for the substances, mixture and/or calculation method and/or expert judgement.

Section(s) modified compared with the previous version :

SECTION 2: HAZARDS IDENTIFICATION;SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS;SECTION 4: FIRST AID MEASURES;SECTION 11: TOXICOLOGICAL INFORMATION

List of H phrases referred to in section 3 :

EUH 071 : Corrosive to the respiratory tract.

H226 : Flammable liquid and vapour.

H242 : Heating may cause a fire.

H271 : May cause fire or explosion; strong oxidiser.

H301 : Toxic if swallowed.

H302 : Harmful if swallowed.

H310 : Fatal in contact with skin.

H314 : Causes severe skin burns and eye damage.

H318 : Causes serious eye damage.

H330 : Fatal if inhaled.

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.

Sources of key data used to compile the data sheet :

MSDS supplier

International limit values for chemical agents

Echa

Historical :

Version 7.1.0

Cancels and replaces previous version 7.0.1