

SAFETY DATA SHEET

CIP PEREDDIKESYRE

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

1.1. Product identifier

Trade name

CIP PEREDDIKESYRE

Product no.

442

Unique formula identifier (UFI)

WVDX-43VW-R000-97VF

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

Relevant identified uses of the substance or mixture

Professional uses.

Restricted to professional users.

Use descriptors (UK REACH)

Sectors of use	Description
LCS "IS"	Industrial uses: Uses of substances as such or in preparations at industrial sites
Product category	Description
PC 35	Washing and Cleaning Products (including solvent based products)
Process category	Description
PROC 19	Hand-mixing with intimate contact and only PPE available
PROC 1	Use in closed PROC ess, no likelihood of exposure
PROC 28	Manual maintenance (cleaning and repair) of machinery
Environmental release category	Description
ERC 4	Industrial use of processing aids in processes and products, not becoming part of articles
ERC 8a	Wide dispersive indoor use of processing aids in open systems
ERC 8b	Wide dispersive indoor use of reactive substances in open systems

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

Jysk Kemi Service A/S

Gl. Struervej 50

7500 Holstebro

Denmark

+45 9740 3133

+45 9740 4846

www.jyskkemi.dk

Contact person

Rikke Hunsbjerg

E-mail

rikke@jyskkemi.dk

Revision

18/01/2024

SDS Version

1.0

1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

See section 4 "First aid measures".

SECTION 2: Hazards identification

Classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.1. Classification of the substance or mixture

Self-react. C; H242, Heating may cause a fire.
 Met. Corr. 1; H290, May be corrosive to metals.
 Acute Tox. 4; H302, Harmful if swallowed.
 Skin Corr. 1A; H314, Causes severe skin burns and eye damage.
 Eye Dam. 1; H318, Causes serious eye damage.
 STOT SE 3; H335, May cause respiratory irritation.

2.2. Label elements

Hazard pictogram(s)



Signal word

Danger

Hazard statement(s)

Heating may cause a fire. (H242)
 May be corrosive to metals. (H290)
 Harmful if swallowed. (H302)
 Causes severe skin burns and eye damage. (H314)
 May cause respiratory irritation. (H335)

Precautionary statement(s)

General

-

Prevention

Do not breathe vapour/mist. (P260)
 Wear eye protection/protective gloves/protective clothing. (P280)

Response

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water . (P303+P361+P353)
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
 Continue rinsing. (P305+P351+P338)

Storage

Store in a container with a resistant inner liner. (P406)

Disposal

Dispose of contents/container in accordance with local regulation
 (P501)

Hazardous substances

hydrogen peroxide
 acetic acid
 peracetic acid

Additional labelling

UFI: WVDX-43VW-R000-97VF

2.3. Other hazards

Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.
 This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
-------------------	-------------	-------	----------------	------

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0 UK-REACH: Index No.: 008-003-00-9	25-40%	Ox. Liq. 1, H271 Acute Tox. 4, H302 Skin Corr. 1A, H314 (SCL: 70.00 %) Skin Corr. 1B, H314 (SCL: 50.00 %) Skin Irrit. 2, H315 (SCL: 35.00 %) Eye Dam. 1, H318 (SCL: 8.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Acute Tox. 4, H332 STOT SE 3, H335 (SCL: 35.00 %)	
acetic acid	CAS No.: 64-19-7 EC No.: 200-580-7 UK-REACH: Index No.: 607-002-00-6	25-40%	Flam. Liq. 3, H226 Skin Corr. 1A, H314 (SCL: 90.00 %) Skin Corr. 1B, H314 (SCL: 25.00 %) Skin Irrit. 2, H315 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 10.00 %)	[1]
peracetic acid	CAS No.: 79-21-0 EC No.: 201-186-8 UK-REACH: Index No.: 607-094-00-8	15-25%	Flam. Liq. 3, H226 Org. Perox. D, H242 Acute Tox. 4, H302 Acute Tox. 4, H312 Skin Corr. 1A, H314 Acute Tox. 4, H332 STOT SE 3, H335 (SCL: 1.00 %) Aquatic Acute 1, H400 (M=1)	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

[1] European occupational exposure limit.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

Inhalation

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

Flush exposed area with water for a long time - at least 30 minutes. It may be necessary to flush for several hours. Use a comfortable water temperature (20-30 °C). Contact Poison Information/doctor/hospital for further advice on follow-up and treatment.

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

Eye contact

If in eyes: Flush eyes with plenty of water or salt water (20-30 °C) for at least 30 minutes and continue until irritation stops. Remove contact lenses. Make sure you flush under the upper and lower eyelids. Seek medical assistance immediately and continue flushing during transport.

Ingestion

In the case of ingestion, contact a doctor immediately. If the person is conscious, give them water. DO NOT try to induce vomiting unless this is recommended by a doctor. Hold head facing down to prevent vomit from returning to the mouth and throat. Prevent shock by keeping the injured person warm and calm. Initiate immediate resuscitation if breathing stops. If unconscious, roll the injured person into recovery position. Call an ambulance.

Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

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

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

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

IF exposed or concerned:

Get immediate medical advice/attention.

Information to medic

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO₂)

5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

Hazchem Code: 2W

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

Avoid inhalation of vapours from spilled material.

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Limit spillage and collect using granular absorbent or similar materials, and dispose of it in accordance with the regulations on dangerous waste.

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ground and bond container and receiving equipment.

Avoid direct contact with the product.

Peroxide formation may be present anywhere in the container, including the sides, bottom, exterior and threaded cap. Peroxide formation in ppm concentrations may not be visually observable and must be identified through the use of appropriate testing procedures. If any of the following conditions exist, the material may be explosively unstable and will require stabilization prior to use:

1. Material appears to be degraded and or contaminated.
2. Material appears to be discolored.
3. Deterioration or distortion of storage container.
4. Thermal shock (sunlight).

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

5. Age of material exceeds recommended storage time.
 Avoid contact during pregnancy and while nursing.
 Smoking, drinking and consumption of food is not allowed in the work area.
 See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed containers and store protected from moisture and light. Containers should be dated when opened and tested periodically for the presence of peroxides. Do not exceed storage time limits. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Must be stored in a cool and well-ventilated area, away from possible sources of ignition. Store in a container with a resistant inner liner.

Recommended storage material

Keep only in original packaging.

Storage temperature

> 0°C

Incompatible materials

Bases

Metal

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

hydrogen peroxide

Long term exposure limit (8 hours) (ppm): 1

Long term exposure limit (8 hours) (mg/m³): 1.4

Short term exposure limit (15 minutes) (ppm): 2

Short term exposure limit (15 minutes) (mg/m³): 2.8

acetic acid

Long term exposure limit (8 hours) (ppm): 10

Long term exposure limit (8 hours) (mg/m³): 25

Short term exposure limit (15 minutes) (ppm): 20

Short term exposure limit (15 minutes) (mg/m³): 50

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002. EH40/2005 Workplace exposure limits (Fourth Edition 2020).

DNEL

acetic acid

Duration:	Route of exposure:	DNEL:
Long term - Local effects - General population	Inhalation	25 mg/m ³
Long term - Local effects - Workers	Inhalation	25 mg/m ³
Short term - Local effects - General population	Inhalation	25 mg/m ³
Short term - Local effects - Workers	Inhalation	25 mg/m ³

hydrogen peroxide

Duration:	Route of exposure:	DNEL:
Long term - Local effects - General population	Inhalation	210 µg/m ³
Long term - Local effects - Workers	Inhalation	1.4 mg/m ³
Short term - Local effects - General population	Inhalation	1.93 mg/m ³
Short term - Local effects - Workers	Inhalation	3 mg/m ³

peracetic acid

Duration:	Route of exposure:	DNEL:
Long term - Local effects - General population	Inhalation	280 µg/m ³
Long term - Local effects - Workers	Inhalation	560 µg/m ³

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Short term – Local effects - General population	Inhalation	280 µg/m ³
Short term – Local effects - Workers	Inhalation	560 µg/m ³

PNEC

acetic acid

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		3.058 mg/L
Freshwater sediment		11.36 mg/kg
Intermittent release (freshwater)		30.58 mg/L
Marine water		305.8 µg/L
Marine water sediment		1.136 mg/kg
Sewage treatment plant		85 mg/L
Soil		470 µg/kg

hydrogen peroxide

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		0,013 mg/l
Freshwater		12.6 µg/L
Freshwater sediment		0,047 mg/kg
Freshwater sediment		47 µg/kg
Intermittent release (freshwater)		13.8 µg/L
Marine water		0,013 mg/l
Marine water		12.6 µg/L
Marine water sediment		0,047 mg/kg
Marine water sediment		47 µg/kg
Sewage treatment plant		4,66 mg/l
Sewage treatment plant		4.66 mg/L
Soil		0,002 mg/kg
Soil		2.3 µg/kg

peracetic acid

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		94 ng/L
Freshwater sediment		350 ng/kg
Intermittent release (freshwater)		1.6 µg/L
Marine water		9.4 ng/L
Marine water sediment		35 ng/kg
Sewage treatment plant		51 µg/L
Soil		320 µg/kg

8.2. Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

Appropriate technical measures

Ground and bond container and receiving equipment.

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

Ensure that eyewash stations and safety showers are located within easy reach.

Apply standard precautions during use of the product. Avoid inhalation of vapours.

Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

Measures to avoid environmental exposure


Keep damming materials near the workplace. If possible, collect spillage during work.

Individual protection measures, such as personal protective equipment


Generally

Use only UKCA marked protective equipment.



Respiratory Equipment

Type	Class	Colour	Standards	
Combination filter A2P2	Class 2	Brown/White	EN14387	



Skin protection

Recommended	Type/Category	Standards	
Dedicated work clothing should be worn.	-	-	

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile - Discard immediately after use	0.2	> 240	EN374-2, EN374-3, EN388	
Vinyl/PVC	-	> 480	EN374-3, EN388	

Eye protection

Type	Standards	
Face shield	EN166	
Safety glasses with side shields.	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Colourless

Odour / Odour threshold

Sharp/pungent

pH

0,5

Density (g/cm³)

1.153

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Kinematic viscosity

Testing not relevant or not possible due to nature of the product.

Particle characteristics

Not applicable - product is a liquid

Phase changes

Melting point/Freezing point (°C)

Testing not relevant or not possible due to nature of the product.

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

>100

Vapour pressure

Testing not relevant or not possible due to nature of the product.

Relative vapour density

Testing not relevant or not possible due to nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C)

96

Flammability (°C)

The material is ignitable.

Auto-ignition temperature (°C)

Testing not relevant or not possible due to nature of the product.

Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to nature of the product.

Solubility

Solubility in water

Completely soluble

n-octanol/water coefficient (LogKow)

Testing not relevant or not possible due to nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to nature of the product.

9.2. Other information

Oxidizing properties

Testing not relevant or not possible due to the nature of the product.

Other physical and chemical parameters

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Sunlight

Mechanical influences (e.g. Shock, pressure, impact, friction). Fire, sparks or other ignition sources.

10.5. Incompatible materials

Bases

Metal

10.6. Hazardous decomposition products

Thermal decomposition may produce corrosive vapours.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Acute toxicity

Product/substance: hydrogen peroxide
 Species: Rat
 Route of exposure: Oral
 Test: LD50
 Result: 1193 mg/kg

Product/substance: hydrogen peroxide
 Species: Rabbit
 Route of exposure: Dermal
 Test: LD50
 Result: >2000 mg/kg

Product/substance: hydrogen peroxide
 Species: Rat
 Route of exposure: Inhalation
 Test: LC50 (4 hours)
 Result: >170 mg/m³

Harmful if swallowed.

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory sensitisation

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

Skin sensitisation

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

Germ cell 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.

STOT-single exposure

May cause respiratory irritation.

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

Long term effects

Tissue-damaging effects: This product contains substances with skin corrosive properties. Inhaled vapour or aerosols may produce adverse effects to lungs, irritations and burns in the respiratory organs as well as coughing. Dermal contact and contact with the eye cause irreversible effects.

Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

hydrogen peroxide has been classified by IARC as a group 3 carcinogen.

SECTION 12: Ecological information

12.1. Toxicity

Product/substance: hydrogen peroxide
 Species: Fish
 Duration: 96 hours
 Test: LC50
 Result: 16,4 mg/L

Product/substance: hydrogen peroxide
 Species: Daphnia
 Duration: 24 hours

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

Test: EC50
 Result: 2,4 mg/L

12.2. Persistence and degradability

Product/substance hydrogen peroxide
 Biodegradable: Yes

12.3. Bioaccumulative potential

Product/substance hydrogen peroxide
 Potential bioaccumulation: No
 LogKow: No data available.
 BCF: No data available.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

SECTION 13: Disposal considerations

Waste treatment methods

Product is covered by the regulations on hazardous waste. (*)

HP 3 - Flammable

HP 5 - Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

HP 6 - Acute toxicity

HP 8 - Corrosive

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code



20 01 14* Acids

Specific labelling


Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	UN3109	ORGANIC PEROXIDE TYPE F, LIQUID	Transport hazard class: 5.2 Label: 5.2 Classification code: P1 	-	No	Limited quantities: 125 ml Tunnel restriction code: (D) See below for additional information.
IMDG	UN3109	ORGANIC PEROXIDE TYPE F, LIQUID	Transport hazard class: 5.2 Label: 5.2 Classification code: P1 	-	No	Limited quantities: 125 ml EmS: F-J S-R See below for additional

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
IATA	UN3109	ORGANIC PEROXIDE TYPE F, LIQUID	Transport hazard class: 5.2 Label: 5.2 Classification code: P1 	-	No	information. See below for additional information.

* Packing group

** Environmental hazards

Additional information

ADR / See Table A, section 3.2.1 for any information on special provisions, requirements, or warnings in connection with transport. See section 5.4.3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

Hazchem Code: 2W

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

Restrictions for application

Restricted to professional users.

People under the age of 18 shall not be exposed to this product.

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

P6b - SELF-REACTIVE SUBSTANCES AND MIXTURES and ORGANIC PEROXIDES, Qualifying quantity (lower-tier): 50 tonnes / (upper-tier): 200 tonnes

Regulation on explosives precursors

hydrogen peroxide (Annex I)

UK-REACH, Annex XVII

acetic acid is subject to UK-REACH restrictions, UK-REACH annex XVII (entry 40).

peracetic acid is subject to UK-REACH restrictions, UK-REACH annex XVII (entry 40).

Additional information

Not applicable.

Sources

The Management of Health and Safety at Work Regulations 1999.

The Health and Safety at Work etc. Act 1974 Regulations 2013.

Control of Major Accident Hazards (COMAH) Regulations 2015.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Council Regulation (EC) No 2019/1148 on explosives precursors as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H226, Flammable liquid and vapour.
H242, Heating may cause a fire.
H271, May cause fire or explosion; strong oxidiser.
H302, Harmful if swallowed.
H312, Harmful in contact with skin.
H314, Causes severe skin burns and eye damage.
H315, Causes skin irritation.
H318, Causes serious eye damage.
H319, Causes serious eye irritation.
H332, Harmful if inhaled.
H335, May cause respiratory irritation.
H400, Very toxic to aquatic life.

The full text of identified uses as mentioned in section 1

LCS "IS" = Industrial uses: Uses of substances as such or in preparations at industrial sites
PROC 19 = Hand-mixing with intimate contact and only PPE available
PROC 1 = Use in closed process, no likelihood of exposure
PROC 28 = Manual maintenance (cleaning and repair) of machinery
PC 35 = Washing and Cleaning Products (including solvent based products)
ERC 4 = Industrial use of processing aids in processes and products, not becoming part of articles
ERC 8a = Wide dispersive indoor use of processing aids in open systems
ERC 8b = Wide dispersive indoor use of reactive substances in open systems

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EINECS = European Inventory of Existing Commercial chemical Substances
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Goods
LogPow = logarithm of the octanol/water partition coefficient
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials

According to REACH Regulation (EC) No 1907/2006, as retained and amended SI 2019/758 and SI 2020/1577

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the mixture in regard to physical hazards has been based on experimental data.

The safety data sheet is validated by

RH

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

Country-language: GB-en