

SAFETY DATA SHEET

## Plet X-Pres

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

### 1.1. Product identifier

Trade name

Plet X-Pres

Product no.

841

### Unique formula identifier (UFI) 9FWG-Y7V9-J00U-N7NN

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

Relevant identified uses of the substance or mixture Pletfjerner

### Use descriptors (UK REACH)

Sectors of use	Description
LCS "C"	Consumer uses: Private households (= general public = consumers)
LCS "PW"	Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
Product category	Description
PC 35	Washing and Cleaning Products (including solvent based products)
Process category	Description
PROC 8a	Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at non- dedicated facilities
PROC 28	Manual maintenance (cleaning and repair) of machinery
Environmental release category	Description
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 Hunskjær E-mail rikke@jyskkemi.dk Revision 17/08/2023 **SDS Version** 3.0 Date of previous version 11/07/2023 (2.0) 1.4. Emergency telephone number Contact The National Poisons Information Service (dial 111, 24 h service).



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 Skin Sens. 1; H317, May cause an allergic skin reaction. Eye Irrit. 2; H319, Causes serious eye irritation. 2.2. Label elements Hazard pictogram(s) Signal word Warning Hazard statement(s) May cause an allergic skin reaction. (H317) Causes serious eye irritation. (H319) Precautionary statement(s) ▼ General If medical advice is needed, have product container or label at hand. (P101) ▼ Prevention Avoid breathing mist/vapour. (P261) Wash hands thoroughly after handling. (P264) Wear eye protection/face protection/protective gloves. (P280) ▼ Response IF ON SKIN: Wash with plenty of water/water and soap. (P302+P352) If skin irritation or rash occurs: Get medical advice/attention. (P333+P313) 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 ▼ Disposal Dispose of contents/container in accordance with local regulation (P501) Hazardous substances 2-methyl-2H-isothiazol-3-one Additional labelling UFI: 9FWG-Y7V9-J00U-N7NN 2.3. Other hazards Additional warnings This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB. 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
hydrogen peroxide	CAS No.: 7722-84-1 EC No.: 231-765-0 UK-REACH: Index No.: 008-003-00-9	3-5%	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 %)	
Sodium Laureth sulfate	CAS No.: 68891-38-3 EC No.: 500-234-8 UK-REACH: Index No.:	1-3%	Skin Irrit. 2, H315 Eye Dam. 1, H318 (SCL: 10.00 %) Eye Irrit. 2, H319 (SCL: 5.00 %) Aquatic Chronic 3, H412	[19]

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

### Other information

[19] UVCB = Unknown or variable composition, complex reaction products or of biological materials Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law < 5%

- Anionic surfactants
- · Oxygen-based bleaching Agents
- · Phosphonates
- · Preservation agent (METHYLISOTHIAZOLINONE)

### 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

IF ON SKIN: Wash with plenty of water/water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

### Eye contact

If in eyes: Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 5 minutes and continue until irritation stops. Remove contact lenses. Make sure to flush under upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

### Ingestion

If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink.

In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.

### Burns

Not applicable.

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

Sensitisation: This product contains substances, which may trigger allergic reaction upon dermal contact.

Manifestation of allergic reactions typically takes place within 12-72 hours after exposure.

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

### If skin irritation or rash occurs: Get medical advice/attention.

### Information to medics

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

### SECTION 5: Firefighting measures

### 5.1. Extinguishing media

### Not applicable.

### 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.

SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Avoid direct contact with spilled substances.

Ensure adequate ventilation, especially in confined areas.

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

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

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

### Recommended storage material

Keep only in original packaging.

- Storage temperature
  - > 0°C

### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 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/m<sup>3</sup>): 1,4 Short term exposure limit (15 minutes) (ppm): 2 Short term exposure limit (15 minutes) (mg/m<sup>3</sup>): 2,8

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

2-methyl-2H-isothiazol-3-one		
Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	21 µg/m³
Long term – Local effects - Workers	Inhalation	21 µg/m³



Short term – Local effects - General population	Inhalation	43 µg/m³
Short term – Local effects - Workers	Inhalation	43 µg/m³
Long term – Systemic effects - General population	Oral	27 µg/kgbw/day
Short term – Systemic effects - General population	Oral	53 µg/kgbw/day
hydrogen peroxide		
Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Inhalation	210 µg/m³
Long term – Local effects - Workers	Inhalation	1.4 mg/m <sup>3</sup>
Short term – Local effects - General population	Inhalation	1.93 mg/m <sup>3</sup>
Short term – Local effects - Workers	Inhalation	3 mg/m <sup>3</sup>
Sodium Laureth sulfate		
Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	79 µg/cm²
Long term – Local effects - Workers	Dermal	132 µg/cm²
Long term – Systemic effects - General population	Dermal	1650 mg/kg bw/d
Long term – Systemic effects - Workers	Dermal	2750 mg/kg bw/d
Long term – Systemic effects - General population	Inhalation	52 mg/m³
Long term – Systemic effects - Workers	Inhalation	175 mg/m³
Long term – Systemic effects - General population	Oral	15 mg/kg bw/day
2-methyl-2H-isothiazol-3-one Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		3.39 µg/L
Intermittent release (freshwater)		3.39 µg/L
Intermittent release (marine water)		3.39 µg/L
Marine water		3.39 µg/L
Sewage treatment plant		230 µg/L
Soil		47.1 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
Sodium Laureth sulfate		
Route of exposure:		



Freshwater	240 µg/L
Freshwater sediment	916.8 µg/kg
Intermittent release (freshwater)	71 μg/L
Marine water	24 µg/L
Marine water sediment	91.7 μg/kg
Sewage treatment plant	10 g/L
Soil	7.5 mg/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

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked.

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. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements.

### Individual protection measures, such as personal protective equipment

#### Generally

Use only UKCA marked protective equipment.

### Respiratory Equipment

### No specific requirements

### Skin protection

	proceedent				
R	ecommended	Type/Category	Standards		
	lo special when used s intended	-	-		
Hand	d protection				
N	<b>/</b> aterial	Glove thickness (mm)	Breakthrough time (min.)	Standards	
	'inyl/PVC - Discard mmediately after use	0.12	-	EN374-2	11/19/

#### Eye protection

Туре

Standards

### SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state Liquid Colour Clear Odour / Odour threshold None pH 5,2



pH in solution 100 (%) Density (g/cm<sup>3</sup>) 1.01 **Kinematic viscosity** No data available Particle characteristics Not applicable - product is a liquid Phase changes Melting point/Freezing point (°C) No data available Softening point/range (waxes and pastes) (°C) Does not apply to liquids. Boiling point (°C) 100 Vapour pressure No data available Relative vapour density No data available Decomposition temperature (°C) No data available Data on fire and explosion hazards Flash point (°C) No data available Flammability (°C) No data available Auto-ignition temperature (°C) Testing not relevant or not possible due to the nature of the product. Lower and upper explosion limit (% v/v) Testing not relevant or not possible due to the nature of the product. Solubility Solubility in water Completely soluble n-octanol/water coefficient Testing not relevant or not possible due to the nature of the product. Solubility in fat (q/L) Testing not relevant or not possible due to the nature of the product. 9.2. Other information Evaporation rate (n-butylacetate = 100) No data available 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 None known. 10.5. Incompatible materials Strong acids, strong bases, strong oxidizing agents, and strong reducing agents. 10.6. Hazardous decomposition products The product is not degraded when used as specified in section 1.



### 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

### A

Acute toxicity	
Product/substance	hydrogen peroxide
Species:	Rat
Route of exposure:	Oral
Test: Result:	LD50 1193 mg/kg
Result.	T 95 Hig/kg
Product/substance	hydrogen peroxide
Species:	Rabbit
Route of exposure: Test:	Dermal LD50
Result:	>2000 mg/kg
	5.5
Product/substance Species:	hydrogen peroxide Rat
Route of exposure:	Inhalation
Test:	LC50 (4 hours)
Result:	>170 mg/m <sup>3</sup>
Product/substance Species:	2-methyl-2H-isothiazol-3-one
Route of exposure:	Rat Oral
Test:	LD50
Result:	1000-2000 mg/kg ·
Product/substance	2 methyl 24 isothiazol 2 ono
Species:	2-methyl-2H-isothiazol-3-one Rat
Route of exposure:	Dermal
Test:	LD50
Result:	> 2000 mg/kg ·
Skin corrosion/irritation Based on available da	ata, the classification criteria are not met.
Serious eye damage/irri	
Causes serious eye ir	
Respiratory sensitisation Based on available da	ata, the classification criteria are not met.
Skin sensitisation	
May cause an allergi	c skin reaction.
Germ cell mutagenicity	
	ata, the classification criteria are not met.
Carcinogenicity	ata the electification criteria are not mot
Reproductive toxicity	ata, the classification criteria are not met.
Based on available d	ata, the classification criteria are not met.
STOT-single exposure Based on available da	ata, the classification criteria are not met.
STOT-repeated exposur Based on available d	e ata, the classification criteria are not met.
Aspiration hazard	and the classification criteria are not flict.
	ata, the classification criteria are not met.
11.2. Information on ot	
Long term effects	
	s product contains substances, which may cause irritation upon exposure to skin, eyes or lungs.
	in an increased absorption potential of other hazardous substances at the area of exposure.
Endocrine disrupting pr	operties

# Endocrine disrupting properties Not applicable.

### 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

Species:DaphniaDuration:24 hoursTest:EC50Result:2,4 mg/L	Duration: Test:
--	--------------------

Product/substance	2-methyl-2H-isothiazol-3-one
Species:	Daphnia
Duration:	48 hours
Test:	EC50
Result:	16 mg/l ·

### 12.2. Persistence and degradability

Product/substance	hydrogen peroxide
Biodegradable:	Yes
Test method:	
Result:	

Product/substance 2-methyl-2H-isothiazol-3-one Biodegradable: Yes Test method: Result:

#### 12.3. Bioaccumulative potential

Product/substance	hydrogen peroxide
Test method:	
Potential bioaccumulation:	No
LogPow:	No data available.
BCF:	No data available.
Other information:	

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

12.6. Endocrine disrupting properties Not applicable.

### 12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

### Waste treatment methods

Product is covered by the regulations on hazardous waste. HP 4 - Irritant (skin irritation and eye damage) 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 Not applicable.

### 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 / II	14.2 D UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-
14.6. Sp	nmental nal infori langeroi	mation us goods according to ADR, IATA ecautions for user	A and IMDG.			

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**

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

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances Not applicable.

Regulation on explosives precursors

hydrogen peroxide (Annex I)

### Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Sources

The Management of Health and Safety at Work Regulations 1999.

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.

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

H271, May cause fire or explosion; strong oxidiser.

H302, Harmful if swallowed.

H314, Causes severe skin burns and eye damage.

H315, Causes skin irritation.

H318, Causes serious eye damage.

H319, Causes serious eye irritation.

- H332, Harmful if inhaled.
- H335, May cause respiratory irritation.
- H412, Harmful to aquatic life with long lasting effects.



The full text of identified uses as mentioned in section 1 LCS "C" = Consumer uses: Private households (= general public = consumers) LCS "PW" = Professional uses: Public domain (administration, education, entertainment, services, craftsmen) PROC 8a = Transfer of substance or preparation (charging/discharging) from/to vessels/large containers at nondedicated facilities PROC 28 = Manual maintenance (cleaning and repair) of machinery PC 35 = Washing and Cleaning Products (including solvent based products) 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 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 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 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