

# SAFETY DATA SHEET

According to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

## Walraven Pacifyre® H

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

#### 1.1 Product identifier

Product form : Mixture  
Trade name : Walraven Pacifyre® H

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

##### 1.2.1 Relevant identified uses

Main use category : Consumer use, Professional use  
Use of the substance/mixture : Adhesives, sealants

##### 1.2.2 Uses advised against

No additional information available

#### 1.3 Details of the supplier of the safety data sheet

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#### 1.4 Emergency telephone number

+44 (0) 1295 753400

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]  
Not classified

##### Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

#### 2.2 Label elements

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

EUH-statements : EUH210 - Safety data sheet available on request.  
EUH212 - Warning! Hazardous respirable dust may be formed when used. Do not breathe dust. (Except for black/brown/transparent product).

#### 2.3 Other hazards

The product does not meet the PBT and vPvB classification criteria.  
Contains no PBT/vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII.

**Component**

trimethoxyvinylsilane (2768-02-7)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
3-(trimethoxysilyl)propylamine (13822-56-5)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
dioctylbis(pentane-2,4-dionato-0,0')tin (54068-28-9)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not 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 at a concentration equal to or greater than 0,1 %.

**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]
reaction products of phosphoryl trichloride and 2-methyloxirane	CAS-No.: 1244733-77-4 EC-No.: 807-935-0 REACH-no: 01-2119486772-26	≥ 10 - < 25	Acute Tox. 4 (Oral), H302 Aquatic Chronic 3, H412
trimethoxyvinylsilane	CAS-No.: 2768-02-7 EC-No.: 220-449-8 EC Index-No.: 014-049-00-0 REACH-no: 01-2119513215-52	< 1	Flam. Liq. 3, H226 Acute Tox. 4 (Inhalation:vapour), H332 Skin Sens. 1B, H317
3-(trimethoxysilyl)propylamine	CAS-No.: 13822-56-5 EC-No.: 237-511-5 REACH-no: 01-2119510159-45	≥ 1 - < 5	Skin Irrit. 2, H315 Eye Dam. 1, H318
dioctylbis(pentane-2,4-dionato-0,0')tin substance with national workplace exposure limit(s) (BE)	CAS-No.: 54068-28-9 EC-No.: 483-270-6 REACH-no: 01-0000020199-67	≥ 0,1 - < 1	Skin Sens. 1, H317 STOT SE 2, H371

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

**SECTION 4: First aid measures****4.1 Description of first aid measures****First-aid measures general:**

If you feel unwell, seek medical advice.

**First-aid measures after inhalation:**

Remove person to fresh air and keep comfortable for breathing. Respiratory problems: consult a doctor/medical service.

**First-aid measures after skin contact:**

Wash skin with plenty of water. Take victim to a doctor if irritation persists.

**First-aid measures after eye contact:**

Rinse with water. Remove contact lenses, if present and easy to do. Continue rinsing. Take victim to an ophthalmologist if irritation persists.

**First-aid measures after ingestion:**

Rinse mouth out with water. Consult a doctor/medical service if you feel unwell.

- 4.2 Most important symptoms and effects, both acute and delayed**  
No additional information available.
- 4.3 Indication of any immediate medical attention and special treatment needed**  
Treat symptomatically.

## SECTION 5: Firefighting measures

- 5.1 Extinguishing media**  
**Suitable extinguishing media:**  
Water spray. Dry powder. Foam. Carbon dioxide.
- Unsuitable extinguishing media:**  
None known.
- 5.2 Special hazards arising from the substance or mixture**  
**Hazardous decomposition products in case of fire:**  
Toxic fumes may be released.
- 5.3 Advice for firefighters**  
**Protection during firefighting:**  
Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
- 6.1.1 For non-emergency personnel**  
**Emergency procedures:**  
Ventilate spillage area.
- 6.1.2 For emergency responders**  
**Protective equipment:**  
Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
- 6.2 Environmental precautions**  
Avoid release to the environment.
- 6.3 Methods and material for containment and cleaning up**  
**Methods for cleaning up:**  
Scoop solid spill into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.
- Other information:**  
Dispose of materials or solid residues at an authorized site.
- 6.4 Reference to other sections**  
For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

**Precautions for safe handling:**

Ensure good ventilation of the work station. Wear personal protective equipment.

**Hygiene measures:**

Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2 Conditions for safe storage, including any incompatibilities

**Storage conditions:**

Store at room temperature. Store in a dry area. Store in a well-ventilated place. Keep container closed when not in use.

**Incompatible products:**

Heat sources. Moisture.

**Maximum storage period:**

1 year.

**Packaging materials:**

Synthetic material.

### 7.3 Specific end use(s)

No additional information available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### 8.1.1 National occupational exposure and biological limit values

diocetylbis(pentane-2,4-dionato-0,0')tin (54068-28-9)

**Belgium - Occupational Exposure Limits**

OEL TWA	0,1 mg/m <sup>3</sup>
OEL STEL	0,2 mg/m <sup>3</sup>

#### 8.1.2 Recommended monitoring procedures

No additional information available.

#### 8.1.3 Air contaminants formed

No additional information available.

#### 8.1.4 DNEL and PNEC

No additional information available.

#### 8.1.5 Control banding

No additional information available.

### 8.2 Exposure controls

#### 8.2.1 Appropriate engineering controls

**Appropriate engineering controls:**

Ensure good ventilation of the work station.

**8.2.2 Personal protection equipment**

Personal protective equipment symbol(s):

**8.2.2.1 Eye and face protection****Eye protection:**

Safety glasses

**8.2.2.2 Skin protection****Skin and body protection:**

Wear suitable protective clothing

**Hand protection:**

Protective gloves

**8.2.2.3 Respiratory protection****Respiratory protection:**

In case of insufficient ventilation, wear suitable respiratory equipment.

**8.2.2.4 Thermal hazards**

No additional information available.

**8.2.3 Environmental exposure controls****Environmental exposure controls:**

Avoid release to the environment.

## SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties**

Physical state	Solid
Colour	Variable
Appearance	Pasty
Odour	Characteristic
Odour threshold	Not available
Melting point	Not applicable
Freezing point	Not available
Boiling point	Not available
Flammability	Not applicable
Explosive limits	Not applicable
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Flash point	> 100 °C
Auto-ignition temperature	Not applicable
Decomposition temperature	Not available
pH	Not available
pH solution	Not available
Viscosity, kinematic	Not applicable
Solubility	Not available

Partition coefficient n-octanol/water (Log Kow)	Not available
Vapour pressure	Not available
Vapour pressure at 50 °C	Not available
Density	1566 kg/m <sup>3</sup> (20°C)
Relative density	1,566 (20°C)
Relative vapour density at 20 °C	Not applicable
Particle size	Not available
Particle size distribution	Not available
Particle shape	Not available
Particle aspect ratio	Not available
Particle aggregation state	Not available
Particle agglomeration state	Not available
Particle specific surface area	Not available
Particle dustiness	Not available

## 9.2 Other information

### 9.2.1 Information with regard to physical hazard classes

No additional information available.

### 9.2.2 Other safety characteristics

VOC content: < 1 %

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4 Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5 Incompatible materials

No additional information available.

### 10.6 Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

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

#### Acute toxicity (oral):

Not classified.

#### Acute toxicity (dermal):

Not classified.

**Acute toxicity (inhalation):**

Not classified.

**trimethoxyvinylsilane (2768-02-7)**

LD50 oral rat	6899 – 7012 mg/kg bodyweight (Equivalent or similar to OECD 401, Rat, Male / female, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	3158 – 3760 mg/kg bodyweight (Equivalent or similar to OECD 402, 24 h, Rabbit, Male / female, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat	16,8 mg/l (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours), 14 day(s))

**3-(trimethoxysilyl)propylamine (13822-56-5)**

LD50 oral rat	2,97 ml/kg (Equivalent or similar to OECD 401, Rat, Male, Experimental value, Oral, 14 day(s))
LD50 dermal rabbit	11,3 ml/kg (Equivalent or similar to OECD 402, 24 h, Rabbit, Male, Experimental value, Dermal, 14 day(s))
LC50 Inhalation - Rat [ppm]	> 5 ppm (OECD 403: Acute Inhalation Toxicity, 6 h, Rat, Male, Read-across, Inhalation (vapours), 14 day(s))

**dioctylbis(pentane-2,4-dionato-0,0')tin (54068-28-9)**

LD50 oral rat	2500 mg/kg (OECD 423: Acute Oral Toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral)
LD50 dermal rat	> 2000 mg/g (OECD 402: Acute Dermal Toxicity, 24 h, Rat, Male / female, Experimental value, Dermal)
LC50 Inhalation - Rat	5,1 mg/l air (Equivalent or similar to OECD 403, 4 h, Rat, Male / female, Experimental value, Inhalation (vapours))

**reaction products of phosphoryl trichloride and 2-methyloxirane (1244733-77-4)**

LD50 oral rat	632 mg/kg
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**Skin corrosion/irritation:**

Not classified (Based on available data, the classification criteria are not met).

**Serious eye damage/irritation:**

Not classified.

**Respiratory or skin sensitisation:**

Not classified. (Based on available data, the classification criteria are not met).

**Germ cell mutagenicity:**

Not classified.

**Carcinogenicity:**

Not classified.

**Reproductive toxicity:**

Not classified.

**trimethoxyvinylsilane (2768-02-7)**

NOAEL (animal/male, F0/P)	1000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Combined Repeated Dose and Reproductive / Developmental Toxicity Screening Test (Precursor Protocol of GL 422)
NOAEL (animal/female, F0/P)	250 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Combined Repeated Dose and Reproductive / Developmental Toxicity Screening Test (Precursor Protocol of GL 422)

**dioctylbis(pentane-2,4-dionato-0,0')tin (54068-28-9)**

NOAEL (animal/male, F0/P)	0,3 – 0,4 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)
NOAEL (animal/female, F0/P)	0,3 – 0,5 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guideline 422 (Combined Repeated Dose Toxicity Study with the Reproduction / Developmental Toxicity Screening Test)

**STOT-single exposure:**

Not classified.

**diocetylbis(pentane-2,4-dionato-0,0')tin (54068-28-9)**

STOT-single exposure May cause damage to organs (immune system) (if swallowed).

**STOT-repeated exposure:**

Not classified.

**3-(trimethoxysilyl)propylamine (13822-56-5)**

LOAEL (oral, rat, 90 days) 600 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

NOAEL (oral, rat, 90 days) 200 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 408 (Repeated Dose 90-Day Oral Toxicity in Rodents)

**diocetylbis(pentane-2,4-dionato-0,0')tin (54068-28-9)**

LOAEC (inhalation, rat, gas, 90 days) 650 ppm Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)

**Aspiration hazard:**

Not classified

**11.2 Information on other hazards**

No additional information available.

**SECTION 12: Ecological information****12.1 Toxicity****Ecology - general:**

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

**Hazardous to the aquatic environment, short-term (acute):**

Not classified.

**Hazardous to the aquatic environment, long-term (chronic):**

Not classified.

Not rapidly degradable.

**trimethoxyvinylsilane (2768-02-7)**

LC50 - Fish [1] 191 mg/l (96 h, Oncorhynchus mykiss, Fresh water, Experimental value, Nominal concentration)

EC50 - Crustacea [1] 168,7 mg/l (EU Method C.2, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)

ErC50 algae &gt; 89 mg/l (72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

NOEC chronic algae 89 mg/l (72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)

**3-(trimethoxysilyl)propylamine (13822-56-5)**

LC50 - Fish [1] &gt; 934 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)

EC50 - Crustacea [1] 331 mg/l Test organisms (species): Daphnia magna

EC50 72h - Algae [1] &gt; 1000 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)

EC50 72h - Algae [2] 603 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)



**dioctylbis(pentane-2,4-dionato-0,0')tin (54068-28-9)**

LC50 - Fish [1]	71,1 mg/l (96 h, Salmo gairdneri, Flow-through system, Fresh water, Experimental value, Nominal concentration)
EC50 - Crustacea [1]	47,6 mg/l (48 h, Daphnia magna, Static system, Fresh water, Experimental value, Nominal concentration)
EC50 - Other aquatic organisms [1]	75 mg/l Test organisms (species): other:
ErC50 algae	32 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)

**reaction products of phosphoryl trichloride and 2-methyloxirane (1244733-77-4)**

LC50 - Fish [1]	51 mg/l Pimephalis promelas
EC50 - Crustacea [1]	131 mg/l Daphnia magna
EC50 72h - Algae [1]	82 mg/l Pseudokirchnerella subcapitata
NOEC chronic crustacea	32 mg/l
NOEC chronic algae	13 mg/l

**12.2 Persistence and degradability****trimethoxyvinylsilane (2768-02-7)**

Persistence and degradability	Not readily degradable in water.
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**3-(trimethoxysilyl)propylamine (13822-56-5)**

Persistence and degradability	Not readily degradable in water.
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**dioctylbis(pentane-2,4-dionato-0,0')tin (54068-28-9)**

Persistence and degradability	Not readily degradable in water.
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**12.3 Bioaccumulative potential****trimethoxyvinylsilane (2768-02-7)**

Partition coefficient n-octanol/water (Log Pow)	1,1 (QSAR, KOWWIN, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

**3-(trimethoxysilyl)propylamine (13822-56-5)**

Partition coefficient n-octanol/water (Log Pow)	0,2 (QSAR, 20 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

**dioctylbis(pentane-2,4-dionato-0,0')tin (54068-28-9)**

Partition coefficient n-octanol/water (Log Pow)	0,6 (Calculated, 25 °C)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

**12.4 Mobility in soil****trimethoxyvinylsilane (2768-02-7)**

Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2,811 (log Koc, SRC PCKOCWIN v2.0, Calculated value)
Ecology - soil	Low potential for adsorption in soil.

**3-(trimethoxysilyl)propylamine (13822-56-5)**

Ecology - soil	No data available.
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**dioctylbis(pentane-2,4-dionato-0,0')tin (54068-28-9)**

Surface tension	32,3 mN/m (20 °C, 30 mg/l, OECD 115: Surface Tension of Aqueous Solutions)
Ecology - soil	No (test)data on mobility of the substance available.

**12.5 Results of PBT and vPvB assessment****Walraven Pacifyre® H**

The product does not meet the PBT and vPvB classification criteria.

**12.6 Endocrine disrupting properties**

No additional information available.

**12.7 Other adverse effects**

No additional information available.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Regional legislation (waste):**

Non hazardous waste.

**Waste treatment methods:**

Dispose of contents/container in accordance with licensed collector's sorting instructions.

**Sewage disposal recommendations:**

Do not discharge into drains or the environment.

**Ecology – waste materials:**

Avoid release to the environment.

**European List of Waste (LoW) code:**

08 04 10 – waste adhesives and sealants other than those mentioned in 08 04 09

15 01 02 – plastic packaging

**SECTION 14: Transport information**

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

**14.1 UN number or ID number**

ADR	IMDG	IATA	ADN	RID
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

**14.2 UN proper shipping name**

ADR	IMDG	IATA	ADN	RID
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

**14.3 Transport hazard class(es)**

ADR	IMDG	IATA	ADN	RID
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

**14.4 Packing group**

ADR	IMDG	IATA	ADN	RID
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

## 14.5 Environmental hazards

ADR	IMDG	IATA	ADN	RID
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated

No supplementary information available.

## 14.6 Special precautions for user

### Overland transport

Not regulated.

### Transport by sea

Not regulated.

### Air transport

Not regulated.

### Inland waterway transport

Not regulated.

### Rail transport

Not regulated.

## 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

# SECTION 15: Regulatory information

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

### 15.1.1 EU-Regulations

#### EU restriction list (REACH Annex XVII)

Reference code	Applicable on	Entry title or description
a)	trimethoxyvinylsilane	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	trimethoxyvinylsilane ; 3-(trimethoxysilyl)propylamine ; dioctylbis(pentane-2,4-dionato- O,O')tin ; reaction products of phosphoryl trichloride and 2-methyloxirane	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
40	trimethoxyvinylsilane	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

Contains no substance on the REACH candidate list.

Contains no REACH Annex XIV substances.

Contains no substance subject to 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.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

Contains no substance subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

VOC content: < 1 %

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic 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

#### 16.1 Indication of changes

Section	Changed item	Change	Comments
	According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2020/878		
2.2		Modified	
3.2		Modified	

#### 16.2 Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PBT	Persistent Bioaccumulative Toxic

PNEC	Predicted No-Effect Concentration
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
STP	Sewage treatment plant
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
VOC	Volatile Organic Compounds
CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
vPvB	Very Persistent and Very Bioaccumulative
ED	Endocrine disrupting properties

### 16.3 Full text of H- and EUH-statements

Acute Tox. 4 (Inhalation: vapour)	Acute toxicity (inhalation:vapour) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
EUH210	Safety data sheet available on request.
EUH212	Warning! Hazardous respirable dust may be formed when used. Do not breathe dust. (Except for black/brown/transparent product)
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 3	Flammable liquids, Category 3
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H371	May cause damage to organs.
H412	Harmful to aquatic life with long lasting effects.
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, Category 1B
STOT SE 2	Specific target organ toxicity – Single exposure, Category 2

#### Safety Data Sheet (SDS), EU-20212

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Issue date : 2000-06-14  
Revision date : 2021-09-24  
Version : 6.0

Product number : 2180100030

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## Find out how we can support you

Would you like to find out more about any of the solutions described in this document?  
Or would you like to discuss how we could help you find the best possible solution for your project?  
Get in touch today!

### Walraven International

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### Walraven Group

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Safety data sheet Walraven Pacifyre® H (EN-INT) – Full content subject to modifications  
\* The technical data are non-binding and do not reflect the warranted characteristics of the products. They are subject to change. Please consult our General Terms and Conditions. Additional information is available upon request. It is the designer's responsibility to select products suitable for the intended purpose and to ensure that performance data are not exceeded. The installation instructions should always be read and followed.