## PCI<sup>®</sup> Duraclean<sup>®</sup> EP



Revision Date: 29.01.2025 Date of last issue: - Version 1.0

Print Date 30.01.2025

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

#### **1.1 Product identifier**

Trade name

: PCI<sup>®</sup> Duraclean<sup>®</sup> EP

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

Product use : Detergent, Cleaning agent, Product is not intended for consumer use, For professional users only.

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

Company name of supplier	:	Sika Nederland B.V.
		Zonnebaan 56
		3542 EG Utrecht
		Nederland
Telephone	:	+31-30-2410120
Telefax	:	+31-30-2414482
E-mail address of person	:	EHS@nl.sika.com
responsible for the SDS		

#### 1.4 Emergency telephone number

+31-57-0854201

### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)					
Skin corrosion, Category 1	H314: Causes severe skin burns and eye damage.				
Serious eye damage, Category 1	H318: Causes serious eye damage.				
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.				
Specific target organ toxicity - single ex- posure, Category 3, Respiratory system	H335: May cause respiratory irritation.				

#### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms



Signal word

Danger

1

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# PCI<sup>®</sup> Duraclean<sup>®</sup> EP



Revision Date: 29.01.2025 Date of last issue: -	Version 1.0	Print Date 30.01.2025
Hazard statements :	H314Causes severe skin burns and H317H317May cause an allergic skin reaH335May cause respiratory irritatio	action.
Precautionary statements :	Prevention:	
	P261Avoid breathing mist or vP280Wear protective gloves/ eye protection/ face protection	protective clothing/
	Response:	
	P301 + P330 + P331 IF SWALLOWED: NOT induce vomiting.	Rinse mouth. Do
	P303 + P361 + P353 IF ON SKIN (or ha ately all contaminated clo with water.	
	P304 + P340 + P310 IF INHALED: Rem air and keep comfortable mediately call a POISON	for breathing. Im-
	P305 + P351 + P338 + P310 IF IN EYE with water for several mi tact lenses, if present an tinue rinsing. Immediatel CENTER/ doctor.	S: Rinse cautiously nutes. Remove con- d easy to do. Con-

#### Hazardous components which must be listed on the label:

benzyl alcohol 2-aminoethanol

#### **Additional Labelling**

The data sheet for medical personnel is available at the here provided emergency address.

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

# PCI<sup>®</sup> Duraclean<sup>®</sup> EP



Revision Date: 29.01.2025 Date of last issue: - Version 1.0

Print Date 30.01.2025

### **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
benzyl alcohol	100-51-6 202-859-9 01-2119492630-38- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H332 Eye Irrit. 2; H319 Skin Sens. 1B; H317 Acute toxicity esti- mate Acute oral toxicity: 1.200 mg/kg	>= 10 - < 20
2-aminoethanol	141-43-5 205-483-3 01-2119486455-28- XXXX	Aquatic Chronic 3; H412 Acute Tox. 4; H302 Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1B; H314 Eye Dam. 1; H318 STOT SE 3; H335 (Respiratory system) specific concentration limit STOT SE 3; H335 >= 5 %	>= 5 - < 10
		Acute toxicity esti- mate Acute oral toxicity: 1.720 mg/kg Acute dermal toxicity: 1.025 mg/kg	

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

## PCI<sup>®</sup> Duraclean<sup>®</sup> EP



Revision Date: 29.01.2025 Print Date 30.01.2025 Date of last issue: -Sulfonic acids, C14-17-sec-97489-15-1 Acute Tox. 4; H302 >= 5 - < 10 alkane, sodium salts 307-055-2 Skin Irrit. 2: H315 01-2119489924-20-Eye Dam. 1; H318 XXXX Aquatic Chronic 3; H412 specific concentration limit Skin Irrit. 2; H315 > 60 % specific concentration limit Eye Dam. 1; H318 > 60 % specific concentration limit Skin Irrit. 2; H315 > 15 - 60 % specific concentration limit Eye Irrit. 2; H319 > 10 - 15 % specific concentration limit Acute Tox. 4; H302 > 60 % Acute toxicity estimate Acute oral toxicity: 500 mg/kg Isotridecanol, ethoxylated (> 7 < 9043-30-5 Acute Tox. 4; H302 >= 3 - < 5

Version 1.0

For explanation of abbreviations see section 16.

5 % or over but less than 15 %: Anionic surfactants Regulation (EC) No. : 648/2004, as amended less than 5 %: Non-ionic surfactants Allergens: benzyl alcohol

Not Assigned

Eye Dam. 1; H318

15 EO)

### SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# PCI<sup>®</sup> Duraclean<sup>®</sup> EP



Revision Date: 29.01.2025 Date of last issue: - Version 1.0

Print Date 30.01.2025

### **SECTION 4: First aid measures**

4.1 Description of first aid measures					
General advice :	Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.				
If inhaled :	Move to fresh air. Consult a physician after significant exposure.				
In case of skin contact :	Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. Immediate medical treatment is necessary as untreated wounds from corrosion of the skin heal slowly and with difficul- ty.				
In case of eye contact :	Small amounts splashed into eyes can cause irreversible tis- sue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.				
If swallowed :	Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.				
4.2 Most important symptoms and	effects, both acute and delayed				
Symptoms :	Cough Respiratory disorder Allergic reactions Dermatitis See Section 11 for more detailed information on health effects and symptoms.				
Risks :	May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation. Causes severe burns.				
	Health injuries may be delayed. corrosive effects irritant effects sensitising effects				

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

## PCI<sup>®</sup> Duraclean<sup>®</sup> EP



Revision Date: 29.01.2025 Date of last issue: -		Version 1.0	Print Date 30.01.202
4.3 Indication of any immediate (	me	dical attention and special treatment needed	ł
Treatment	:	Treat symptomatically.	
SECTION 5: Firefighting meas	sur	es	
5.1 Extinguishing media			
Suitable extinguishing media	:	In case of fire, use water/water spray/water je ide/sand/foam/alcohol resistant foam/chemica extinction.	
5.2 Special hazards arising from	the	e substance or mixture	
Hazardous combustion prod- ucts	:	No hazardous combustion products are know	'n
5.3 Advice for firefighters			
Special protective equipment for firefighters	:	In the event of fire, wear self-contained breath	ning apparatus.
Further information	:	Standard procedure for chemical fires.	
SECTION 6: Accidental releas	se r	neasures	
6.1 Personal precautions, protec	tiv	e equipment and emergency procedures	
Personal precautions	:	Use personal protective equipment. Deny access to unprotected persons.	
6.2 Environmental precautions			
Environmental precautions	:	Do not flush into surface water or sanitary set If the product contaminates rivers and lakes or respective authorities.	
6.3 Methods and material for cor	ntai	nment and cleaning up	
<b>6.3 Methods and material for cor</b> Methods for cleaning up	ntai :	nment and cleaning up Soak up with inert absorbent material (e.g. sa acid binder, universal binder, sawdust). Keep in suitable, closed containers for dispos	
	ntai :	Soak up with inert absorbent material (e.g. sa acid binder, universal binder, sawdust).	

### **SECTION 7: Handling and storage**

### 7.1 Precautions for safe handling

Advice on safe handling : Avoid exceeding the given occupational exposure limits (see

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

## PCI® Duraclean® EP



Revision Date: 29.01.2025 Version 1.0 Print Date 30.01.2025 Date of last issue: section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Follow standard hygiene measures when handling chemical products Advice on protection against : Normal measures for preventive fire protection. fire and explosion : Handle in accordance with good industrial hygiene and safety Hygiene measures practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday. 7.2 Conditions for safe storage, including any incompatibilities Requirements for storage Keep container tightly closed in a dry and well-ventilated areas and containers place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations. Further information on stor-No decomposition if stored and applied as directed. age stability 7.3 Specific end use(s) Specific use(s) Consult most current local Product Data Sheet prior to any 1

### **SECTION 8: Exposure controls/personal protection**

use.

#### 8.1 Control parameters

#### **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *	
2-aminoethanol	141-43-5	TWA	1 ppm 2,5 mg/m3	2006/15/EC	
		Further information: Indicative, Identifies the possibility of sign cant uptake through the skin			
		STEL	3 ppm 7,6 mg/m3	2006/15/EC	
		TLV-8hr	1 ppm 2,5 mg/m3	NL WG	
	Further infor	Further information: Skin notation			
		TLV-15 min	3 ppm	NL WG	

Revision Date: 29.01.2025

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Print Date 30.01.2025

PCI <sup>®</sup> Duraclean <sup>®</sup> EP	

ate of last issue: -				
	1	I	7.6 mg/m2	
*The above mentioned va	alues are in accordance y	with the legislation	7,6 mg/m3	of the re-
lease of this safety data s				
.2 Exposure controls				
Engineering measures				
Maintain air concentration Ensure adequate ventilat	•	•		
Personal protective equ	ipment			
Eye/face protection	: Safety glasses	with side-shields	conforming to EN166	;

Version 1.0

Eye/face protection	:	Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water Wear eye/face protection.
Hand protection	:	Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications. Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.
Skin and body protection	:	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.
Respiratory protection	:	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe work- ing limits of the selected respirator. organic vapor filter (Type A) A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Meth- ods for determining inhalation exposure). This applies in par- ticular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

### Environmental exposure controls

General advice

: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

## PCI<sup>®</sup> Duraclean<sup>®</sup> EP



Revision Date: 29.01.2025 Date of last issue: - Version 1.0

Print Date 30.01.2025

### **SECTION 9: Physical and chemical properties**

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

Information on basic physical	an	d chemical properties
Physical state Appearance Colour	: : :	liquid viscous liquid beige
Odour	:	characteristic
Melting point/ range / Freez- ing point	:	No data available
Boiling point/boiling range	:	ca. 100 °C
Flammability (solid, gas)	:	No data available
Upper/lower flammability or e	vn	locivo limite
Upper explosion limit / Up- per flammability limit	-	
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
рН	:	ca. 12 Concentration: 100 %
Viscosity Viscosity, kinematic	:	No data available
Solubility(ies) Water solubility	:	completely miscible
Partition coefficient: n- octanol/water	:	No data available

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# PCI<sup>®</sup> Duraclean<sup>®</sup> EP



Revision Date: 29.01.2025 Date of last issue: -	Version 1.0	Print Date 30.01.2025
Vapour pressure	: 23 hPa	
Density	: ca. 1,22 g/cm3 (20 °C)	
Relative vapour density	: No data available	
Particle characteristics	: No data available	
9.2 Other information		
No data available		
SECTION 10: Stability and r	eactivity	
10.1 Reactivity		
No dangerous reaction know	vn under conditions of normal use.	
10.2 Chemical stability		
The product is chemically st	able.	
10.3 Possibility of hazardous r		
Hazardous reactions	: Stable under recommended storage c	onditions.
10.4 Conditions to avoid		
Conditions to avoid	: No data available	

## 10.5 Incompatible materials

Materials to avoid : No data available

#### **10.6 Hazardous decomposition products**

No hazardous decomposition products are known.

#### **SECTION 11: Toxicological information**

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

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### Acute toxicity

Not classified due to lack of data.

#### **Components:**

#### benzyl alcohol:

Country NL 10000060230

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

## PCI<sup>®</sup> Duraclean<sup>®</sup> EP



sion Date: 29.01.2025 of last issue: -		Version 1.0	Print Date 30.01.2
Acute oral toxicity	Met	te toxicity estimate: 1.200 mg/kg hod: Acute toxicity estimate accore 1272/2008	ding to Regulation (EC)
	LD5	50 Oral (Rat): 1.200 mg/kg	
2-aminoethanol:			
Acute oral toxicity	: LD5	50 Oral (Rat): 1.720 mg/kg	
Sulfonic acids, C14-17-se	ec-alkane, s	sodium salts:	
Acute oral toxicity	: LD5	50 Oral (Rat): 500 - 2.000 mg/kg	
		te toxicity estimate: 500 mg/kg hod: Calculation method	
Acute dermal toxicity	: LD5	50 Dermal (Rabbit): > 2.000 mg/kg	
Skin corrosion/irritation Causes severe burns.			
Serious eye damage/eye Causes serious eye dama			
Respiratory or skin sens			
Skin sensitisation May cause an allergic skin	reaction		
Respiratory sensitisation Not classified due to lack of	I		
Germ cell mutagenicity Not classified due to lack of	f data.		
Carcinogenicity Not classified due to lack of	f data.		
Reproductive toxicity Not classified due to lack of	f data.		
<b>STOT - single exposure</b> May cause respiratory irrita	ation.		
STOT - repeated exposure Not classified due to lack of			
Aspiration toxicity			
Not classified due to lack of	f data.		

### SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# PCI<sup>®</sup> Duraclean<sup>®</sup> EP



Revision Date: 29.01.2025 Date of last issue: - Version 1.0

Print Date 30.01.2025

#### 11.2 Information on other hazards

#### Endocrine disrupting properties

#### Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### **SECTION 12: Ecological information**

#### 12.1 Toxicity

#### **Components:**

#### benzyl alcohol:

Toxicity to fish	:	LC50 (Fish): > 100 mg/l Exposure time: 96 h
Toxicity to daphnia and other aquatic invertebrates	:	EC50 (Daphnia magna (Water flea)): > 100 mg/l Exposure time: 48 h

#### 12.2 Persistence and degradability

The surfactant(s) contained in this mixture complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. 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.

#### 12.3 Bioaccumulative potential

No data available

#### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

#### 12.6 Endocrine disrupting properties

#### Product:

Assessment

The substance/mixture does not contain components considered to have endocrine disrupting properties according to

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# PCI<sup>®</sup> Duraclean<sup>®</sup> EP



Revision Date: 29.01.2025 Date of last issue: -	Version 1.0	Print Date 30.01.2025
	REACH Article 57(f) or Commission Del (EU) 2017/2100 or Commission Regula levels of 0.1% or higher.	
12.7 Other adverse effects		
Product: Additional ecological infor- mation	: There is no data available for this produ	ict.
SECTION 13: Disposal consideration 13.1 Waste treatment methods		
Product	<ul> <li>The generation of waste should be avoid wherever possible.</li> <li>Empty containers or liners may retain so This material and its container must be way.</li> <li>Dispose of surplus and non-recyclable provide the second structure.</li> <li>Disposal of this product, solutions and a at all times comply with the requirement protection and waste disposal legislation local authority requirements.</li> <li>Avoid dispersal of spilled material and re soil, waterways, drains and sewers.</li> </ul>	ome product residues. disposed of in a safe products via a licensed any by-products should ts of environmental n and any regional

### **SECTION 14: Transport information**

14.1	UN	number	or	ID	number
------	----	--------	----	----	--------

ADR	:	UN 3267
IMDG	:	UN 3267
ΙΑΤΑ	:	UN 3267
14.2 UN proper shipping name		
ADR	:	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (2-aminoethanol)
IMDG	:	CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (2-aminoethanol)
ΙΑΤΑ	:	Corrosive liquid, basic, organic, n.o.s. (2-aminoethanol)

#### 14.3 Transport hazard class(es)

Subsidiary risks

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# PCI<sup>®</sup> Duraclean<sup>®</sup> EP



Revision Date: 29.01.2025 Date of last issue: -		Version 1.0	Print Date 30.01.202
ADR	:	8	
IMDG	:	8	
ΙΑΤΑ	:	8	
14.4 Packing group	-	-	
ADR			
Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code	:	III C7 80 8 (E)	
<b>IMDG</b> Packing group Labels EmS Code	:	III 8 F-A, S-B	
IATA (Cargo) Packing instruction (cargo aircraft) Packing instruction (LQ) Packing group Labels	:	856 Y841 III Corrosive	
IATA (Passenger) Packing instruction (passen- ger aircraft) Packing instruction (LQ) Packing group Labels	:	852 Y841 III Corrosive	
14.5 Environmental hazards			
<b>ADR</b> Environmentally hazardous	:	no	
IMDG Marine pollutant	:	no	
IATA (Passenger) Environmentally hazardous	:	no	
IATA (Cargo) Environmentally hazardous	:	no	
14.6 Special precautions for use		vided herein are for informational purpos	

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006, as amended by Commission Regula-
tion (EU) 2020/878
PCI <sup>®</sup> Duraclean <sup>®</sup> EP



Revision Date: 29.01.2025

Date of last issue: -

Version 1.0

Print Date 30.01.2025

### **SECTION 15: Regulatory information**

<b>15.1 Safety, health and environmen</b> International Chemical Weapons Schedules of Toxic Chemicals ar	Convention (CWC)	tion :	<b>specific for the substance or mixture</b> Not applicable	
REACH Information:	H Information: All substances contained in our Pro- registered by our upstream suppli - registered by us, and/or - excluded from the regulation, and - exempted from the registration.			
the market and use of certain dar	REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)		Conditions of restriction for the fol- lowing entries should be considered: Number on list 3	
			Number on list 75:	
REACH - Candidate List of Subst Concern for Authorisation (Article		:	None of the components are listed (=> 0.1 %).	
REACH - List of substances subj (Annex XIV)	ect to authorisation	:	Not applicable	
Regulation (EC) on substances that deplete the ozone layer			Not applicable	
Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)			Not applicable	
Regulation (EU) No 649/2012 of the European Parlia- ment and the Council concerning the export and import of dangerous chemicals			Not applicable	
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of ma- jor-accident hazards involving dangerous substances. Not applicable				
Volatile organic compounds :	Volatile organic compounds : Law on the incentive tax for volatile organic compounds (VOCV) Volatile organic compounds (VOC) content: 12% w/w			
	Directive 2010/75/EU	of 2	4 November 2010 on industrial	

### SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

# PCI<sup>®</sup> Duraclean<sup>®</sup> EP



Revision Date: 29.01.2025 Date of last issue: - Version 1.0

Print Date 30.01.2025

emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 17% w/w

#### 15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

#### **SECTION 16: Other information**

Full text of H-Statements	
H302	: Harmful if swallowed.
H312	: Harmful in contact with skin.
H314	: Causes severe skin burns and eye damage.
H315	: Causes severe skin burns and eye damage. : Causes skin irritation.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H319	: Causes serious eye damage. : Causes serious eye irritation.
H332	: Harmful if inhaled.
Н335	
H412	<ul><li>May cause respiratory irritation.</li><li>Harmful to aquatic life with long lasting effects.</li></ul>
Full text of other abbreviation	
Acute Tox.	: Acute toxicity
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Eye Dam.	: Serious eye damage
Eye Irrit.	: Eye irritation
Skin Corr.	: Skin corrosion
Skin Irrit.	: Skin irritation
Skin Sens.	: Skin sensitisation
STOT SE	: Specific target organ toxicity - single exposure
2006/15/EC	: Europe. Indicative occupational exposure limit values
NL WG	: Netherlands. Law on Labour conditions - Occupational Expo-
	sure Limits
2006/15/EC / TWA	: Limit Value - eight hours
2006/15/EC / STEL	: Short term exposure limit
NL WG / TLV-8hr	: Time Weighted Average
NL WG / TLV-15 min	: Short Term Exposure Limit
ADR	: European Agreement concerning the International Carriage of
	Dangerous Goods by Road
CAS	: Chemical Abstracts Service
DNEL	: Derived no-effect level
EC50	: Half maximal effective concentration
GHS	: Globally Harmonized System
ΙΑΤΑ	: International Air Transport Association
IMDG	: International Maritime Code for Dangerous Goods
LD50	: Median lethal dosis (the amount of a material, given all at
	once, which causes the death of 50% (one half) of a group of
	test animals)
LC50	: Median lethal concentration (concentrations of the chemical in
	air that kills 50% of the test animals during the observation
	period)
austry NI 10000060220	16 /

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878

## PCI® Duraclean® EP

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Revision Date: 29.01.2025 Date of last issue: -		Version 1.0	Print Date 30.01.2025
MARPOL	:	International Convention for the Prevent Ships, 1973 as modified by the Protocol	
OEL PBT PNEC REACH	:	Occupational Exposure Limit Persistent, bioaccumulative and toxic Predicted no effect concentration Regulation (EC) No 1907/2006 of the Eu and of the Council of 18 December 2006 istration, Evaluation, Authorisation and F	uropean Parliament 6 concerning the Reg- Restriction of Chemi-
SVHC vPvB	:	cals (REACH), establishing a European Substances of Very High Concern Very persistent and very bioaccumulativ	<b>C</b> <i>i</i>
Eurther information			

#### **Further information**

Classification of the r	nixture:	Classification procedure:
Skin Corr. 1	H314	Based on product data or assessment
Eye Dam. 1	H318	Based on product data or assessment
Skin Sens. 1	H317	Calculation method
STOT SE 3	H335	Calculation method

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

NL / EN