

## Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878  
 Issue date: 3/18/2019 Revision date: 9/8/2025 Supersedes version of: 4/25/2024 Version: 2.2

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

#### 1.1. Product identifier

Product form : Mixture  
 Product name : Crystal Quick Restore  
 UFI : QE2C-A05K-200R-N1Y7  
 Product code : CQR-11  
 Type of product : Detergent  
 Product group : Trade product

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

##### Relevant identified uses

Main use category : Professional use  
 Industrial/Professional use spec : Industrial  
 For professional use only  
 Use of the substance/mixture : carpet cleaner

Title	Life cycle stage	Use descriptors
Crystal Quick Restore	Professional	SU0, PC35, PROC0

Full text of use descriptors: see section 16

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

Progenta  
 Utrechtsestraatweg 149  
 3911 TS Rhenen  
 Nederland  
 T +31 318 471 823 , F +31 (0)318 47 27 45  
[info@progenta.com](mailto:info@progenta.com), [www.progenta.com](http://www.progenta.com)

#### 1.4. Emergency telephone number

Country/Area	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Birmingham Centre) City Hospital	Dudley Road B18 7QH Birmingham	0344 892 0111	Only for healthcare professionals

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

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

Serious eye damage/eye irritation, Category 2 H319

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

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

Causes serious eye irritation.

#### 2.2. Label elements

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

Hazard pictograms (CLP) :



GHS07

# Crystal Quick Restore

## Safety Data Sheet

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

Signal word (CLP)	: Warning
Hazard statements (CLP)	: H319 - Causes serious eye irritation.
Precautionary statements (CLP)	: P264 - Wash hands thoroughly after handling. P280 - Wear eye protection, face protection. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention.

### 2.3. Other hazards

Contains no PBT and/or vPvB substances  $\geq 0.1\%$  assessed in accordance with REACH Annex XIII

Component	
Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	hydrogen peroxide solution... % (7722-84-1)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	hydrogen peroxide solution... % (7722-84-1)

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 substance(s) are 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

### 3.2. Mixtures

Product name	Product identifier	% w/w (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Sulfuric acid, mono-C10-16-alkyl esters, ammonium salts	CAS-No.: 68081-96-9 EC-No.: 268-364-5	5 – 10	Eye Irrit. 2, H319
hydrogen peroxide solution... % (Note B)	CAS-No.: 7722-84-1 EC-No.: 231-765-0 EC Index-No.: 008-003-00-9 REACH-no: 01-2119485845-22	1 – 5	Ox. Liq. 1, H271 Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Skin Corr. 1A, H314 Eye Dam. 1, H318 STOT SE 3, H335 Aquatic Chronic 3, H412

### Specific concentration limits:

Product name	Product identifier	Specific concentration limits (% w/w (% w/w))
hydrogen peroxide solution... %	CAS-No.: 7722-84-1 EC-No.: 231-765-0 EC Index-No.: 008-003-00-9 REACH-no: 01-2119485845-22	(5 $\leq$ C < 8) Eye Irrit. 2; H319 (8 $\leq$ C < 50) Eye Dam. 1; H318 (35 $\leq$ C < 50) Skin Irrit. 2; H315 (35 $\leq$ C $\leq$ 100) STOT SE 3; H335 (50 $\leq$ C < 70) Skin Corr. 1B; H314 (50 $\leq$ C < 70) Ox. Liq. 2; H272 (70 $\leq$ C $\leq$ 100) Skin Corr. 1A; H314 (70 $\leq$ C $\leq$ 100) Ox. Liq. 1; H271

Note B: Some substances (acids, bases, etc.) are placed on the market in aqueous solutions at various concentrations and, therefore, these solutions require different classification and labelling since the hazards vary at different concentrations. In Part 3 entries with Note B have a general designation of the following type: 'nitric acid ... %'. In this case the supplier must state the percentage concentration of the solution on the label. Unless otherwise stated, it is assumed that the percentage concentration is calculated on a weight/weight basis.

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

# Crystal Quick Restore

## Safety Data Sheet

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

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. In case of doubt or persistent symptoms, consult always a physician.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. In all cases of doubt, or when symptoms persist, seek medical attention.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult a doctor/medical service.
First-aid measures after ingestion	: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Seek medical attention if ill effect develops.

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

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
Symptoms/effects after inhalation	: None under normal conditions.
Symptoms/effects after eye contact	: Causes serious eye irritation.

#### 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	: Dry powder. Dry chemical, CO <sub>2</sub> , or water spray or regular foam. Making extinguishing agents environment-friendly.
------------------------------	---

#### 5.2. Special hazards arising from the substance or mixture

Reactivity in case of fire	: Combustion produces irritating gases.
Hazardous decomposition products in case of fire	: On heating/burning: release of harmful gases/vapours. Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide.

#### 5.3. Advice for firefighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment. Move undamaged containers from immediate hazard area if it can be done safely.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

### SECTION 6: Accidental release measures

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

General measures	: Wear personal protective equipment.
------------------	---------------------------------------

##### For non-emergency personnel

Emergency procedures	: Avoid contact with skin and eyes. Evacuate unnecessary personnel.
----------------------	---

#### 6.2. Environmental precautions

Do not allow to enter drains or water courses.

#### 6.3. Methods and material for containment and cleaning up

For containment	: Collect spillage.
-----------------	---------------------

# Crystal Quick Restore

## Safety Data Sheet

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

- Methods for cleaning up : Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).
- Other information : Disposal must be done according to official regulations.

### 6.4. Reference to other sections

See Section 8. Exposure controls and personal protection. Concerning personal protective equipment to use, see section 8. Concerning disposal elimination after cleaning, see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Precautions for safe handling : Provide good ventilation in process area to prevent formation of vapour. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Avoid contact with skin and eyes. Wear personal protective equipment. Ensure good ventilation of the work station.
- Hygiene measures : Wash hands thoroughly after handling.

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

- Technical measures : Handle in accordance with good industrial hygiene and safety practice.
- Storage conditions : Store tightly closed in a dry, cool and well-ventilated place. Original packaging. Protect from heat and direct sunlight. Avoid ignition sources. Containers which are opened should be properly resealed and kept upright to prevent leakage. Keep only in the original container in a cool, well-ventilated place.
- Incompatible products : Strong bases. Strong acids.
- Incompatible materials : Sources of ignition. Direct sunlight.

### 7.3. Specific end use(s)

No supplementary information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL and PNEC

hydrogen peroxide solution... % (7722-84-1)	
<b>DNEL/DMEL (Workers)</b>	
Acute - local effects, inhalation	3 mg/m <sup>3</sup>
Long-term - local effects, inhalation	1.4 mg/m <sup>3</sup>
<b>DNEL/DMEL (General population)</b>	
Acute - local effects, inhalation	1.93 mg/m <sup>3</sup>
Long-term - local effects, inhalation	0.21 mg/m <sup>3</sup>
<b>PNEC (Water)</b>	
PNEC aqua (freshwater)	0.013 mg/l
PNEC aqua (marine water)	0.013 mg/l
PNEC aqua (intermittent, freshwater)	0.014 mg/l
<b>PNEC (Sediment)</b>	
PNEC sediment (freshwater)	0.047 mg/kg dwt
PNEC sediment (marine water)	0.047 mg/kg dwt

# Crystal Quick Restore

## Safety Data Sheet

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

hydrogen peroxide solution... % (7722-84-1)	
<b>PNEC (Soil)</b>	
PNEC soil	0.002 mg/kg dwt
<b>PNEC (STP)</b>	
PNEC sewage treatment plant	4.66 mg/l

### 8.2. Exposure controls

#### Appropriate engineering controls

##### Appropriate engineering controls:

Ensure good ventilation of the work station. Provide adequate ventilation.

#### Personal protection equipment

##### Personal protective equipment:

Avoid all unnecessary exposure. Gloves. Safety glasses. Protective clothing.

##### Personal protective equipment symbol(s):



#### Eye and face protection

##### Eye protection:

Wear eye glasses with side protection according to EN 166.

#### Skin protection

##### Skin and body protection:

Wear suitable protective clothing. Standard. EN 13034. Choose protective clothing according to the type, quantity and concentration of hazardous substances, and the specific workplace.

##### Hand protection:

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): e.g. nitrile rubber ( $\geq 0.4$  mm), butyl rubber ( $\geq 0.7$  mm) and others. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed. Gloves must be replaced after each use and whenever signs of wear or perforation appear. Wear suitable gloves tested to EN374.

#### Respiratory protection

##### Respiratory protection:

No respiratory protection needed under normal use conditions. In case of insufficient ventilation, wear suitable respiratory equipment. In the event of exposure to high concentrations of dust or vapour:

#### Environmental exposure controls

##### Environmental exposure controls:

Avoid release to the environment.

##### Other information:

If on skin, take off contaminated clothing. Keep away from food, drink and animal feedingstuffs. Avoid contact with skin and eyes. Wash hands before breaks and after work.

## SECTION 9: Physical and chemical properties

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

Physical state	: Liquid
Colour	: white to slightly yellow.
Odour	: characteristic.
Odour threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available

# Crystal Quick Restore

## Safety Data Sheet

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

Boiling point	: Not available
Flammability	: Non-flammable.
Lower explosion limit	: Not available
Upper explosion limit	: Not available
Flash point	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: 6 – 6.8 6,8 ready to use; 6 as supplied
Viscosity, kinematic	: Not available
Solubility	: Soluble in water.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: 1.035
Relative vapour density at 20°C	: Not available
Particle characteristics	: Not applicable

### 9.2. Other information

#### Other safety characteristics

VOC content : 2.99 %

## 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

Material is stable at least for 6 months. Stable in use and storage conditions as recommended in item 7.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. No dangerous reactions known.

### 10.4. Conditions to avoid

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

### 10.5. Incompatible materials

Metals. Strong reducing agents. Organic 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

#### Sulfuric acid, mono-C10-16-alkyl esters, ammonium salts (68081-96-9)

LD50 oral rat	> 2000 mg/kg
---------------	--------------

#### hydrogen peroxide solution... % (7722-84-1)

LD50 oral rat	693.7 – 1270 mg/kg bodyweight
LD50 oral	694 mg/kg bodyweight

# Crystal Quick Restore

## Safety Data Sheet

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

hydrogen peroxide solution... % (7722-84-1)	
LD50 dermal rabbit	2000 mg/kg bodyweight
LD50 dermal	700 mg/kg bodyweight
LC50 Inhalation - Rat (Dust/Mist)	> 170 mg/l
ATE oral	693.7 mg/kg bodyweight
ATE dermal	2000 mg/kg bodyweight
ATE gases	4500 ppmv/4h
ATE vapours	11 mg/l/4h
ATE dust/mist	5000 mg/m <sup>3</sup>

Skin corrosion/irritation : Not classified  
pH: 6 – 6.8 6,8 ready to use; 6 as supplied  
Additional information : Based on available data, the classification criteria are not met

Sulfuric acid, mono-C10-16-alkyl esters, ammonium salts (68081-96-9)	
pH	7.9 – 8.4

Serious eye damage/irritation : Causes serious eye irritation.  
pH: 6 – 6.8 6,8 ready to use; 6 as supplied

Sulfuric acid, mono-C10-16-alkyl esters, ammonium salts (68081-96-9)	
pH	7.9 – 8.4

Respiratory or skin sensitisation : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Germ cell mutagenicity : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Carcinogenicity : Not classified  
Additional information : Based on available data, the classification criteria are not met  
Reproductive toxicity : Not classified  
Additional information : Based on available data, the classification criteria are not met  
STOT-single exposure : Not classified  
Additional information : Based on available data, the classification criteria are not met

hydrogen peroxide solution... % (7722-84-1)	
STOT-single exposure	May cause respiratory irritation.

STOT-repeated exposure : Not classified  
Additional information : Based on available data, the classification criteria are not met

hydrogen peroxide solution... % (7722-84-1)	
LOAEC (inhalation, rat, vapour, 90 days)	14.6 mg/m <sup>3</sup> air
NOAEC (inhalation, rat, gas, 90 days)	7.08 ppm

Aspiration hazard : Not classified  
Additional information : Based on available data, the classification criteria are not met

### 11.2. Information on other hazards

#### Other information

Potential adverse human health effects and symptoms : Based on available data, the classification criteria are not met

## 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.

# Crystal Quick Restore

## Safety Data Sheet

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

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

### Sulfuric acid, mono-C10-16-alkyl esters, ammonium salts (68081-96-9)

LC50 - Fish [1]	15 mg/l Rainbow Trout
-----------------	-----------------------

### hydrogen peroxide solution... % (7722-84-1)

LC50 - Fish [1]	16.4 mg/l
LC50 - Fish [2]	16.4 mg/l 4 days
LC50 - Other aquatic organisms [1]	2.4 mg/l (48 h)
EC50 - Other aquatic organisms [1]	7.7 mg/l waterflea
EC50 - Other aquatic organisms [2]	1.38 mg/l
EC50 72h - Algae [1]	1.38 mg/l
NOEC chronic crustacea	630 µg/l (21 days)
NOEC chronic algae	630 µg/l (72 h)

## 12.2. Persistence and degradability

### Crystal Quick Restore

Persistence and degradability	Not established.
-------------------------------	------------------

### Sulfuric acid, mono-C10-16-alkyl esters, ammonium salts (68081-96-9)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

### hydrogen peroxide solution... % (7722-84-1)

Persistence and degradability	Rapidly degradable
-------------------------------	--------------------

## 12.3. Bioaccumulative potential

### Crystal Quick Restore

Bioaccumulative potential	Not established.
---------------------------	------------------

### hydrogen peroxide solution... % (7722-84-1)

Partition coefficient n-octanol/water (Log Pow)	-1.57 @ 20 °C
---	---------------

## 12.4. Mobility in soil

No additional information available

## 12.5. Results of PBT and vPvB assessment

### Component

Substance(s) not meeting the PBT criteria of REACH regulation, in accordance with Annex XIII	hydrogen peroxide solution... % (7722-84-1)
Substance(s) not meeting the vPvB criteria of REACH regulation, in accordance with Annex XIII	hydrogen peroxide solution... % (7722-84-1)

## 12.6. Endocrine disrupting properties

No additional information available

# Crystal Quick Restore

## Safety Data Sheet

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

### 12.7. Other adverse effects

#### Crystal Quick Restore

Other information	Avoid release to the environment.
-------------------	-----------------------------------

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional waste regulation	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Sewage disposal recommendations	: Dispose must be done according to official regulations.
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations. Disposal must be done according to official regulations.
Additional information	: Do not re-use empty containers.
Ecological waste information	: Avoid release to the environment.
European List of Waste (LoW, EC 2000/532)	: 07 06 00 - wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics 20 01 29* - detergents containing dangerous substances
HP Code	: HP4 - "Irritant – skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

## SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
<b>14.1. UN number or ID number</b>				
Not regulated for transport				
<b>14.2. UN proper shipping name</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.3. Transport hazard class(es)</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.4. Packing group</b>				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
<b>14.5. Environmental hazards</b>				
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

# Crystal Quick Restore

## Safety Data Sheet

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

### 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

#### EU-Regulations

##### REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)		
Reference code	Applicable on	Entry title or description
3(a)	hydrogen peroxide solution... %	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)	Crystal Quick Restore ; Sulfuric acid, mono-C10-16-alkyl esters, ammonium salts ; hydrogen peroxide solution... %	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
3(c)	hydrogen peroxide solution... %	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 class 4.1

##### REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

##### REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

##### PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

##### POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

##### Ozone Regulation (2024/590)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 2024/590 on substances that deplete the ozone layer)

##### Council Regulation (EC) for the control of dual-use items

Contains no substance subject to the COUNCIL REGULATION (EC) for the control of dual-use items

##### VOC Directive (2004/42)

VOC content : 2.99 %

##### Detergent Regulation (EC 648/2004)

Ingredient data sheet		
Component	CAS-No.	%
Other unclassified substances		≥10%
AMMONIUM LAURYL SULFATE	68081-96-9	1 - 10%
HYDROGEN PEROXIDE	7722-84-1	1 - 10%

# Crystal Quick Restore

## Safety Data Sheet

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

Labelling of contents	
Component	%
anionic surfactants	5-15%
oxygen-based bleaching agents	<5%

### Explosives Precursors Regulation (EU 2019/1148)

Contains substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

#### ANNEX I RESTRICTED EXPLOSIVES PRECURSORS

List of substances which are not to be made available to, or introduced, possessed or used by, members of the general public, whether on their own or in mixtures or substances that include those substances, unless the concentration is equal to or lower than the limit values set out in column 2, and for which suspicious transactions and significant disappearances and thefts are to be reported within 24 hours.

Name	CAS-No.	Limit value	Upper limit value for licensing under Article 5(3)	Combined Nomenclature (CN) code for a separate chemically defined compound meeting the requirements of Note 1 to Chapter 28 or 29 of the CN, respectively	Combined Nomenclature code for mixture without constituents which would determine classification under another CN code
Hydrogen peroxide	7722-84-1	12 % w/w	35% w/w	2847 00 00	ex 3824 99 96

### Drug Precursors Regulation (EC 273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances)

## 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

## SECTION 16: Other information

Indication of changes		
Section	Changed item	Comments
	Revision date	<b>Modified</b>
	Supersedes	<b>Modified</b>
1.3	Address Information	<b>Modified</b>

### Abbreviations and acronyms:

	STOT- SE : Specific Target Organ Toxicity - Single Exposure
LC50	Median lethal concentration
LD50	Median lethal dose
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
PNEC	Predicted No-Effect Concentration
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008

# Crystal Quick Restore

## Safety Data Sheet

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

Abbreviations and acronyms:	
DNEL	Derived-No Effect Level
EC50	Median effective concentration
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
STP	Sewage treatment plant
vPvB	Very Persistent and Very Bioaccumulative
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
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
EC-No.	European Community number
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LOAEL	Lowest Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
SDS	Safety Data Sheet
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
ED	Endocrine disruptor

### Data sources

: REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

### Other information

: None. **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This SDS was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

# Crystal Quick Restore

## Safety Data Sheet

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

Full text of H- and EUH-statements:	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Ox. Liq. 1	Oxidising Liquids, Category 1
Ox. Liq. 2	Oxidising Liquids, Category 2
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H271	May cause fire or explosion; strong oxidiser.
H272	May intensify fire; 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.

Full text of use descriptors	
PC35	Washing and cleaning products
PROC0	Other
SU0	Other

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:		
Eye Irrit. 2	H319	Calculation method

The classification complies with : ATP 12

Safety Data Sheet (SDS), EU

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.