

SAFETY DATA SHEET CR CLEAR OUT 5L & 30L	MSDS PWG 005	
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Section 1 : Identification of the substance and of the company

1.1. Product identifier

article nr :	1003015005	1003019635
trade name :	CR Clear Out 5L	CR Clear Out 30L
REACH registration nr :	01-2119485498-19	

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

identified use :	cleaning product for Crystal Right ® units in water treatment systems
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1.3. Details of the supplier of the safety data sheet

EURAQUA EUROPE NV Textielstraat 13, 8790 Waregem, Belgium Tel nr. +32 56 41 42 22 e-mail address of the responsible department : Info@Euraqua.com
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1.4. Emergency telephone number

anti-poison centre : (24/24-7/7)	Belgium	070/245 245
	Netherlands	030/274 88 88
	France	01/45 42 59 59
	United Kingdom	111
	Ireland	01/809 21 66
	Germany	030/19 240
	Spain	091/562 04 20
	Portugal	808/250 143

Section 2 : Hazards identification

2.1. Classification of the substance or mixture

classification according EC directives 67/548/CEE,1999/45/CE	the substance is not classified as dangerous according to European Union legislation
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2.2. Label elements

hazard pictograms :	
signal word :	WARNING
hazard statements :	H319-causes serious eye irritation
precautionary statements :	P264-wash thoroughly after handling P280-wear protective gloves & clothing, eye & 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

2.3. Other hazards

physical/chemical :	corrosive to metals
health :	no additional hazard
environment	not a PBT or vPvB substance or mixture
	product causes a rise of the pH-value of water or soil
safety :	no significant danger

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Section 3 : Composition / Information on ingredients

3.1. Substances

name	Sodium carbonate
CAS n°	497-19-8
EC n°	207-838-8
index n°	011-005-00-2
Reach n°	01-2119485498-19
concentration	10-20%

3.2. Mixtures

not applied

Section 4 : First aid measures

4.1. Description of first aid measures

general :	first-aid personal ensures self-protection
after inhalation :	bring the victim in fresh air if not breathing, give artificial respiration in case of doubt or persistent symptoms, call in a physician
after contact with skin :	wash off with plenty of water, remove contaminated clothing, call in a doctor if irritation develops
after contact with eyes :	rinse out with plenty of water for at least 15 minutes, remove contact lenses and continue rinsing with water, call in an ophthalmologist or doctor if irritation develops
after ingestion :	never give anything by mouth to an unconscious person, make the victim drink a lot of water, avoid vomiting, if vomiting occurs, prevent choking by keeping the head down call in a doctor if irritation develops

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

see section 11

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

call the emergency telephone number (see 1.4.) for 24/24-7/7 medical advice,

Section 5 : Firefighting measures

5.1. Extinguishing media

all media suitable, in adaption to materials stored in the immediate neighbourhood,
ineffective extinguishing media : not known

5.2. Special hazards arising from the substances or mixtures

not applied

5.3. Advice for firefighters

use a self-contained breathing apparatus and suitable protective clothing,
prevent fire-fighting water entering the environment

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Section 6 : Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

do not inhale vapours or aerosols,
avoid contact with the eyes
supply of fresh air in enclosed rooms
wear recommended personal protective equipment, see section 8

6.2. Environmental precautions

do not allow to enter sewerage systems
contact local authorities in case significant spilling cannot be contained

6.3. Methods and material for containment and cleaning up

take up all product dry and forward for disposal in a clean plastic drum,
contaminated floors are flushed with abundant quantities of water

6.4. Reference to other sections

for 24/24-7/7 medical advice, see section 1
for personal protection, see section 8
for disposal considerations, see section 13

Section 7 : Handling and storage

7.1. Precautions for safe handling

use skin, hand and eye protection
do not inhale vapours or aerosols,
do not eat or drink at the work place

7.2. Conditions for safe storage, including any incompatibilities

store closed in a well ventilated, cool, dry and locked place,
store away from acids
use only plastic packaging material

7.3. Specific end use(s)

follow the instructions for correct use, mentioned in the Explanation Paper
EP CLE004 (available by request),
seal well after use,

Section 8 : Exposure controls / Personal protection

8.1. Control parameters

	Type	value
occupational exposure limits	not established	
biological limits	not available	
recommended monitoring procedures	follow standard procedures	
derived no-effect level (DNEL) workers	long-term inhalation	10 mg/m ³
predicted no-effect concentrations (PNECs)	not applied	

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8.2. Exposure controls

general :	make sure the working space is well ventilated
respiratory protection :	not required
eye protection :	required : safety glasses
hand protection :	required : butyl rubber safety gloves (EN374)
body protection :	not required
industrial hygiene :	remove the contaminated clothing wash hands or skin after use do not eat or drink at the work place do not inhale the vapours or aerosols
environmental control :	see sections 6, 7, 12 and 13

Section 9 : Physical and chemical properties

9.1. Information on basic physical and chemical properties

appearance form :	liquid
colour :	colourless
odour :	odourless
freezing point :	0 °C
boiling point :	100 °C
flash point :	not applied
decomposition point :	not applied
mol weight :	not applied
density :	1,05 g/mL
pH value :	± 11,5
solubility in water :	soluble

9.2. Other information

not available

Section 10 : Stability and reactivity

10.1. Reactivity

reacts violently with acids
corrosive to metals

10.2. Chemical stability

stable at normal conditions

10.3. Possibility of hazardous reactions

creation of CO

10.4. Conditions to avoid

moisture

10.5. Incompatible materials

acids, metals aluminium, zinc

10.6. Hazardous decomposition products

carbon oxides

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Section 11 : Toxicological information

11.1. Information on toxicological effects

LD50 dermal Rat :	not available
LD50 oral Rat :	2800 mg/kg
skin damage/irritation :	may be irritating for skin : redness
eye damage/irritation :	irritating to eyes : redness, pain
inhalation :	may cause irritation of respiratory tract : cough, shortness of breath
other information :	no other classified criteria on health are noted

Section 12 : Ecological information

12.1. Toxicity

fish LC50 :	fish	300 mg/l, 96 hours
crustacea EC50 :	Daphnia magna	265 mg/l, 48 hours

12.2. Persistence and degradability

inorganic product

12.3. Bio accumulative potential

not applied

12.4. Mobility in soil

good soluble in water

12.5. Results of PBT and vPvB assessment

not applied

12.6. Other adverse effects

WGK class (DE)	1 (weak water pollutant)
water damaging (NL)	11
decontamination (NL)	B

Section 13 : Disposal considerations

13.1. Waste treatment methods

residual waste :	chemicals must be disposed of in compliance with all respective local, regional, national/international regulations
packaging :	empty packaging must be passed to a packaging return system rinse the empty containers at least 3 times to an absence of pink coloured water
EU waste code :	the waste code should be assigned in any discussion about disposal (2001/118/EC)

Section 14 : Transport information

14.1. UN number

not applied

14.2. UN proper shipping name

not applied

14.3. Transport hazard class(es)

not applied

14.4. Packing group

not applied

14.5. Environmental hazards

not applied

14.6. Special precautions for user

not applied

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not available

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Section 15 : Regulatory information

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

Directive 98/24/EC on the protection of the health and safety of workers,
 Decision 2001/118/EC regards the list of wastes
 Regulation (EC) No 1972/2008 repealing Directives 67/548/EEC & 1999/45/EC
 Regulation (EC) No 1907/2006 - requirements for the safety data sheet

15.2. Chemical safety assessment

not available

Section 16 : Other information

general : the information in this document is taken over from the SDS of the bulk supplier
 R-phrases : R36 Irritating to eyes