

Productname : NETTOYANT VITRES ECO Creationdate : 24.04.20 Version : 4.0
 Ref.Nr.: BDS000332_3_20200424 (EN) Replaces: BDS000332_20170629

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

1.1. Product identifier

NETTOYANT VITRES ECO
Aerosol

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

Cleaners - Precision

1.3. Details of the supplier of the safety data sheet

CRC Industries Europe BV
Touwslagerstraat 1
9240 Zele
Belgium
Tel.: +32(0)52/45.60.11
Fax.: +32(0)52/45.00.34
E-mail : hse@crcind.com

Subsidiaries		Tel	Fax
CRC Industries Finland Oy	Smedsgatan 3-5 LT4, PL62, 08101 LOJO	+358/(19)32.921	
CRC Industries France	6, avenue du marais, C.S. 90028, 95102 Argenteuil Cedex	01.34.11.20.00	01.34.11.09.96
CRC Industries Deutschland GmbH	Südring 9, D-76473 Iffezheim	(07229) 303 0	(07229)30 32 66
CRC INDUSTRIES IBERIA S.L.U.	GREMIO DEL CUERO-PARC.96, POLIGONO INDUSTRI. DE HONTORIA, 40195 SEGOVIA	0034/921.427.546	0034/921.436.270
CRC Industries Sweden	Laxfiskevägen 16, 433 38 Partille	0046/31 706 84 80	0046/31 27 39 91

1.4. Emergency telephone number

CRC Industries Europe, Belgium: Tel.: +32(0)52/45.60.11 (office hours)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Physical: Aerosol, category 3
Pressurised container: May burst if heated.

Classification is based on test data.

Health: Skin sensitization, category 1




Productname :	NETTOYANT VITRES ECO	Creationdate :	24.04.20 Version : 4.0
Ref.Nr.:	BDS000332_3_20200424 (EN)	Replaces:	BDS000332_20170629

May cause an allergic skin reaction.
 Classification based on calculation method.
Environment: Hazardous to the aquatic environment, chronic category 3
 Harmful to aquatic life with long lasting effects.
 Classification based on calculation method.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Product identifier:	Contains: 2-methyl-2H-isothiazol-3-one
Hazard pictogram(s):	
Signal word:	Warning
Hazard statement(s):	H229 : Pressurised container: May burst if heated. H317 : May cause an allergic skin reaction. H412 : Harmful to aquatic life with long lasting effects.
Precautionary statement(s):	P102 : Keep out of reach of children. P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P251 : Do not pierce or burn, even after use. P280-1 : Wear protective gloves/protective clothing. P333/313 : If skin irritation or rash occurs: Get medical advice/attention. P410/412 : Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501-2 : Dispose of contents/container to an authorised waste collection point.
Supplemental Hazard information:	15 % by mass of the contents are flammable.
Regulation (EC) No 648/2004 on detergents:	aliphatic hydrocarbons5 - 15 % non-ionic surfactants < 5 % benzisothiazolinone, benzoic acid, methylisothiazolinone

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

3.2. Mixtures

Hazardous ingredient	Registration CAS-	EC-	w/w %	Hazard Class	Hazard statement	Notes
----------------------	-------------------	-----	-------	--------------	------------------	-------



Productname : NETTOYANT VITRES ECO
Ref.Nr.: BDS000332_3_20200424 (EN)

Creationdate : 24.04.20 Version : 4.0
Replaces: BDS000332_20170629

	number	nr.	nr		and Category		
distilled water	-	7732-18-5	231-791-2	>75	-	-	G
Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%)	01-2119485926-20	68512-91-4	270-990-9	5-10	Press. Gas, Flam. Gas 1	H280,H220	K,G
pentane	01-2119459286-30	109-66-0	203-692-4	1-5	Flam. Liq. 2, Asp. Tox. 1, STOT SE 3, Aquatic Chronic 2	H225,H304,H336,H411	A
propan-2-ol; isopropyl alcohol ;isopropanol	01-2119457558-25	67-63-0	200-661-7	1-5	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225,H319,H336	B
hydrocarbons,C6,isoalkanes,< 5% n-hexane	01-2119484651-34	-	(931-254-9)	1-5	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2	H225,H315,H336,H304,H411	Q
3-butoxypropan-2-ol; propylene glycol monobutyl ether	01-2119475527-28	5131-66-8	225-878-4	<1	Eye Irrit. 2, Skin Irrit. 2	H319,H315	
1,2-benzisothiazol-3(2H)-one	-	2634-33-5	220-120-9	<0.005	Acute Tox. 2, Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2	H330,H302,H315,H318,H317,H400,H411	X,R
2-methyl-2H-isothiazol-3-one		2682-20-4	220-239-6	0.001-0.005	Acute Tox. 3, Acute Tox. 2, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2	H301,H330,H314,H318,H317,H400,H411	M,X

Explanation notes

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

G : exempted from the obligation to register in accordance with art.2(7)of REACH Regulation No 1907/2006

K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)

M : M acute = 10

Q : The CAS-no is only an indicative identifier to be used outside the EU for global inventory entries.

R : substance in plant protection or biocidal product regarded as being registered (art.15 REACH Regulation No 1907/2006)

X : SCL (specific concentration limit)in accordance with art.10 of CLP Regulation No 1272/2008

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures**4.1. Description of first aid measures**

Contact with eyes : Avoid contact with eyes. In the event of contact with eyes rinse immediately with plenty of water and seek medical advice.

Contact with skin : Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water
Seek medical advice



Productname : NETTOYANT VITRES ECO **Creationdate :** 24.04.20 Version : 4.0
Ref.Nr.: BDS000332_3_20200424 (EN) **Replaces:** BDS000332_20170629

Inhalation : Remove patient to fresh air
Ingestion : Seek medical attention if ill effects occur

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

Inhalation : No harmful effects known if used for its intended purpose
Ingestion : May cause gastrointestinal disturbances
Skin contact : May cause sensitisation by skin contact.
Symptoms : redness and pain
Eye contact : May cause irritation.
Symptoms : redness and pain

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

foam, carbon dioxide or dry agent

5.2. Special hazards arising from the substance or mixture

Aerosols may explode if heated above 50°C
Forms hazardous decomposition products
CO,CO2

5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water
In case of fire, do not breathe fumes

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Shut off all ignition sources
Ensure adequate ventilation
Wear protective gloves/protective clothing/eye protection/face protection.

6.2. Environmental precautions

Do not allow to enter public sewers and watercourses

6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material



Productname : NETTOYANT VITRES ECO
Ref.Nr.: BDS000332_3_20200424 (EN)
Creationdate : 24.04.20 Version : 4.0
Replaces: BDS000332_20170629

6.4. Reference to other sections

For further information see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from heat and sources of ignition
 Do not spray on a naked flame or incandescent material.
 Do not pierce or burn aerosols, even after use.
 Do not breathe aerosols or vapours.
 Ensure adequate ventilation
 Do not get in eyes, on skin, or on clothing.
 Wear protective gloves/protective clothing/eye protection/face protection.
 Contaminated work clothing should not be allowed out of the workplace.

7.2. Conditions for safe storage, including any incompatibilities

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
 Keep out of reach of children.

7.3. Specific end use(s)

Cleaners - Precision

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

Hazardous ingredient	CAS-nr.	method	
EU established exposure limits:			
pentane	109-66-0	TWA	1000 ppm
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm
National established exposure limits, United Kingdom			
pentane	109-66-0	TWA	600 ppm
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	TWA	400 ppm
		STEL	500 ppm
National established exposure limits, Ireland			
pentane	109-66-0	TWA	1000 ppm
		STEL	-
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	TWA	200 ppm
		STEL	400 ppm

Productname : NETTOYANT VITRES ECO **Creationdate :** 24.04.20 Version : 4.0
Ref.Nr.: BDS000332_3_20200424 (EN) **Replaces:** BDS000332_20170629

8.2. Exposure controls

Control procedures :	Ensure adequate ventilation Keep away from heat and sources of ignition
Personal protection :	Take precautions to avoid contact with skin and eyes when handling the product. Ensure adequate ventilation
inhalation :	In case of insufficient ventilation, wear suitable respiratory equipment.
hands and skin :	When handling the product wear chemical-resistant gloves (standard EN 374). The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through.
Recommended gloves:	Nitrile
eyes :	Wear safety eyewear according to EN 166.
Environmental protection:	Avoid release to the environment. Collect spillage.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

(for aerosols data for the product without propellant)

Appearance : physical state :	Propane/butane propelled liquid.
colour :	Colourless to yellow.
odour :	Citrus.
pH :	10.61
Boiling point/range :	Not available.
Flash point :	42 °C (Closed Cup)
Evaporation rate :	Not available.
Explosion limits : upper limit :	Not available.
lower limit :	Not available.
Vapour pressure :	Not available.
Relative density :	1.0 g/cm ³ (@ 20°C).
Solubility in water :	Partly soluble in water
Auto-ignition :	> 200 °C
Viscosity :	Not applicable.

9.2. Other information

VOC = volatile organic compounds	133 g/l
---	---------

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known if used for its intended purpose

10.2. Chemical stability



Productname : NETTOYANT VITRES ECO **Creationdate :** 24.04.20 Version : 4.0
Ref.Nr.: BDS000332_3_20200424 (EN) **Replaces:** BDS000332_20170629

Stable

10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

10.4. Conditions to avoid

Avoid overheating

10.5. Incompatible materials

Strong oxidising agent

10.6. Hazardous decomposition products

CO,CO2

SECTION 11: Toxicological information

11.1. Information on toxicological effects

acute toxicity: based on available data the classification criteria are not met
skin corrosion/irritation: based on available data the classification criteria are not met
serious eye damage/irritation: based on available data the classification criteria are not met
respiratory or skin sensitisation: May cause an allergic skin reaction.
germ cell mutagenicity: based on available data the classification criteria are not met
carcinogenicity: based on available data the classification criteria are not met
toxicity for reproduction: based on available data the classification criteria are not met
STOT-single exposure: based on available data the classification criteria are not met
STOT repeated exposure: based on available data the classification criteria are not met
aspiration hazard: based on available data the classification criteria are not met

Information on likely routes of exposure:

Inhalation : No adverse health effects expected
Ingestion : May cause gastrointestinal disturbances
Skin contact : May cause sensitisation by skin contact.
Eye contact : May cause irritation.

Toxicological data :

Hazardous ingredient	CAS-nr.	method	
pentane	109-66-0	LD50 oral rat	> 5000 mg/kg
		LD50 derm.rabit	> 3000 mg/kg
3-butoxypropan-2-ol; propylene glycol monobutyl ether	5131-66-8	LD50 oral rat	3300 mg/kg



Productname : NETTOYANT VITRES ECO
Ref.Nr.: BDS000332_3_20200424 (EN)

Creationdate : 24.04.20 Version : 4.0
Replaces: BDS000332_20170629

		LC50 inhal.rat	651 mg/l
		LD50 derm.rat	> 2000 mg/kg
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	LD50 oral rat	5840 mg/kg
		LC50 inhal.rat	> 25000 mg/l
		LD50 derm.rabit	13900 mg/kg
hydrocarbons,C6,isoalkanes,< 5% n-hexane	-	LD50 oral rat	> 5000 mg/kg
		LC50 inhal.rat	> 20 mg/l
		LD50 derm.rabit	> 3000 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, chronic category 3
 Harmful to aquatic life with long lasting effects.

Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
3-butoxypropan-2-ol; propylene glycol monobutyl ether	5131-66-8	IC50 algae	> 1000 mg/l
		LC50 fish	560-1000 mg/l
		EC50 daphnia	> 1000 mg/l
propan-2-ol; isopropyl alcohol ;isopropanol	67-63-0	IC50 algae	1000 mg/l
		LC50 fish	9640 mg/l
		EC50 daphnia	9714 mg/l
hydrocarbons,C6,isoalkanes,< 5% n-hexane	-	IC50 algae	55 mg/l
		LC50 fish	> 1 mg/l
		EC50 daphnia	3.87 mg/l

12.2. Persistence and degradability

Readily biodegradable - OECD 301B

12.3. Bioaccumulative potential

No experimental data available

12.4. Mobility in soil

Partly soluble in water

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects



Productname : NETTOYANT VITRES ECO
Ref.Nr.: BDS000332_3_20200424 (EN)

Creationdate : 24.04.20 Version : 4.0
Replaces: BDS000332_20170629

No experimental data available
GWP (global warming potential): 0

SECTION 13: Disposal considerations

13.1. Waste treatment methods

National regulations : Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information

14.1. UN number

UN-number : 1950

14.2. UN proper shipping name

Proper shipping name: AEROSOLS

14.3. Transport hazard class(es)

Class: 2.2
ADR/RID - Classification code: 5A

14.4. Packing group

Packing group: Not applicable.

14.5. Environmental hazards

ADR/RID - Environmentally
hazardous: No
IMDG - Marine pollutant: No
IATA/ICAO - Environmentally
hazardous: No

14.6. Special precautions for user

ADR/RID - Tunnelcode: (E)
IMDG - Ems: F-D, S-U
IATA/ICAO - PAX: 203
IATA/ICAO - CAO: 203

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

Not applicable.



Productname : NETTOYANT VITRES ECO Creationdate : 24.04.20 Version : 4.0
Ref.Nr.: BDS000332_3_20200424 (EN) Replaces: BDS000332_20170629

SECTION 15: Regulatory information

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

The Safety Data Sheet is compiled according to the current European requirements.
Regulation (EC) No 1907/2006 (REACH)
Regulation (EC) No 1272/2008 (CLP)
Dir. 2013/10/EU, 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

*Explanation hazard statements: - : -

H220 : Extremely flammable gas.
H225 : Highly flammable liquid and vapour.
H280 : Contains gas under pressure; may explode if heated.
H301 : Toxic if swallowed.
H302 : Harmful if swallowed.
H304 : May be fatal if swallowed and enters airways.
H314 : Causes severe skin burns and eye damage.
H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
H318 : Causes serious eye damage.
H319 : Causes serious eye irritation.
H330 : Fatal if inhaled.
H336 : May cause drowsiness or dizziness.
H400 : Very toxic to aquatic life.
H411 : Toxic to aquatic life with long lasting effects.

REVISIONS IN CHAPTRE : Classification according to Regulation (EC) No 1272/2008
Labelling according to Regulation (EC) No 1272/2008

acronyms and synonyms: TWA = time weight average
STEL = short time exposure limit
VOC = volatile organic compounds
PBT = persistent bioaccumulative toxic
vPvB = very persistent very bioaccumulative

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties. Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.