

Productname : SOLVENT 50
Ref.Nr.: BDS001046_3_20200715 (EN)

Creationdate : 15.07.20 Version : 3.1
Replaces: BDS001046_20170629

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

SOLVENT 50
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: Aerosols, category 1
Extremely flammable aerosol.



Productname :	SOLVENT 50	Creationdate :	15.07.20 Version : 3.1
Ref.Nr.:	BDS001046_3_20200715 (EN)	Replaces:	BDS001046_20170629

Pressurised container: May burst if heated.

Classification is based on test data.

Health: Skin irritation, category 2
Causes skin irritation.
Skin sensitization, category 1
May cause an allergic skin reaction.
Specific target organ toxicity - single exposure, category 3
May cause drowsiness or dizziness.




Classification based on calculation method.

Environment: Hazardous to the aquatic environment, acute category 1
Very toxic to aquatic life.
Hazardous to the aquatic environment, chronic category 1
Very toxic 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: Orange, sweet, extract Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane
Hazard pictogram(s):	  
Signal word:	Danger
Hazard statement(s):	H222 : Extremely flammable aerosol. H229 : Pressurised container: May burst if heated. H315 : Causes skin irritation. H317 : May cause an allergic skin reaction. H336 : May cause drowsiness or dizziness. H410 : Very toxic 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. P211 : Do not spray on an open flame or other ignition source. P251 : Do not pierce or burn, even after use. P261 : Avoid breathing dust/fume/gas/mist/vapours/spray. P271 : Use only outdoors or in a well-ventilated area. P273 : Avoid release to the environment. P280 : Wear protective gloves/protective clothing/eye protection/face protection. 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:	None

Regulation (EC) No aliphatic hydrocarbons > 30 %



Productname : SOLVENT 50
Ref.Nr.: BDS001046_3_20200715 (EN)

Creationdate : 15.07.20 Version : 3.1
Replaces: BDS001046_20170629

648/2004 on detergents:

perfumes

limonene

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients**3.1. Substances**

Not applicable.

3.2. Mixtures

Hazardous ingredient	Registration number	CAS-nr.	EC-nr	w/w %	Hazard Class and Category	Hazard statement	Notes
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	01-2119475514-35	-	(921-024-6)1	25-50	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2	H225,H315,H336,H304,H411	B,Q
cyclohexane	01-2119463273-41	110-82-7	203-806-2	10-25	Flam. Liq. 2, Asp. Tox. 1, Skin Irrit. 2, STOT SE 3, Aquatic Acute 1, Aquatic Chronic 1	H225,H304,H315,H336,H400,H410	A
Orange, sweet, extract	01-2119493353-35	8028-48-6	232-433-8	10-25	Flam. Liq. 3, Skin Irrit. 2, Skin Sens. 1, Asp. Tox. 1, Aquatic Acute 1, Aquatic Chronic 1	H226,H315,H317,H304,H400,H410	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	01-2119463258-33	-	(919-857-5)	10-25	Flam. Liq. 3, Asp. Tox. 1, STOT SE 3	H226,H304,H336	B,Q
carbon dioxide	-	124-38-9	204-696-9	1-5	Press. Gas	H280	A,G

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

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

(* Explanation phrases : see chapter 16)

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

If substance has got into eyes, immediately wash out with plenty of water
 Seek medical advice



Productname :	SOLVENT 50	Creationdate :	15.07.20 Version : 3.1
Ref.Nr.:	BDS001046_3_20200715 (EN)	Replaces:	BDS001046_20170629

Contact with skin :	Remove contaminated clothing immediately and drench affected skin with plenty of water. Then wash with soap and water Seek medical advice
Inhalation :	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
Ingestion :	If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention

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

Inhalation :	Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion :	After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia. Symptoms : sore throat, abdominal pain, nausea, vomiting
Skin contact :	Irritating to skin 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 you feel unwell, seek medical advice (show the label where possible) If symptoms persist always call a doctor
-------------------------	---

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



Productname :	SOLVENT 50	Creationdate :	15.07.20 Version : 3.1
Ref.Nr.:	BDS001046_3_20200715 (EN)	Replaces:	BDS001046_20170629

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

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
Take precautionary measures against static discharges
Equipment should be earthed
Use explosion-proof electrical/ventilating/lighting/.../equipment.
Use only non-sparking tools.
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**

Productname : SOLVENT 50
Ref.Nr.: BDS001046_3_20200715 (EN)

Creationdate : 15.07.20 Version : 3.1
Replaces: BDS001046_20170629

Exposure limits :

Hazardous ingredient	CAS-nr.	method	
EU established exposure limits:			
cyclohexane	110-82-7	TWA	200 ppm
carbon dioxide	124-38-9	TWA	9000 mg/m3
		STEL	mg/m3
National established exposure limits, United Kingdom			
cyclohexane	110-82-7	TWA	100 ppm
		STEL	300 ppm
carbon dioxide	124-38-9	TWA	5000 ppm
		STEL	15000 ppm
National established exposure limits, Ireland			
cyclohexane	110-82-7	TWA	200 ppm
		STEL	-
carbon dioxide	124-38-9	TWA	5000 ppm
		STEL	15000 ppm

8.2. Exposure controls

Control procedures :	Ensure adequate ventilation Keep away from heat and sources of ignition Take precautionary measures against static discharges
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.
recommended respiratory protection:	Air purifying respirator equipped with organic gas/vapor cartridge (type AX)
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 : Liquid.
colour : Colourless to yellow.
odour : Citrus.



Productname : SOLVENT 50
Ref.Nr.: BDS001046_3_20200715 (EN)

Creationdate : 15.07.20 Version : 3.1
Replaces: BDS001046_20170629

pH : Not applicable.
Boiling point/range : 55-190
Flash point : < 0 °C
Explosion limits : upper limit : Not available.
lower limit : Not available.
Vapour pressure : Not available.
Relative density : 0.753 g/cm³ (@ 20°C).
Solubility in water : Insoluble in water
Auto-ignition : > 200 °C

9.2. Other information

VOC = volatile organic compounds 722 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known if used for its intended purpose

10.2. Chemical stability

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



Productname : SOLVENT 50 Creationdate : 15.07.20 Version : 3.1
 Ref.Nr.: BDS001046_3_20200715 (EN) Replaces: BDS001046_20170629

skin corrosion/irritation: Causes skin irritation.
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: May cause drowsiness or dizziness.
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 : Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion : After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.
Skin contact : May cause sensitisation by skin contact.
Eye contact : Irritating to skin
 May cause irritation.

Toxicological data :

Hazardous ingredient	CAS-nr.	method	
cyclohexane	110-82-7	LD50 oral rat	> 5000 mg/kg
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2% aromatics	-	LD50 oral rat	>5000 mg/kg
		LC50 inhal.rat	4951 mg/m3
		LD50 derm.rabit	>5000 mg/kg
Hydrocarbons, C6-C7, n-alkanes,isoalkanes,cyclics,< 5% n-hexane	-	LD50 oral rat	> 5000 mg/kg
		LC50 inhal.rat	> 25000 mg/m3
		LD50 derm.rat	> 2000 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, acute category 1
 Very toxic to aquatic life.
 Hazardous to the aquatic environment, chronic category 1
 Very toxic to aquatic life with long lasting effects.

Ecotoxicological data:

Hazardous ingredient	CAS-nr.	method	
cyclohexane	110-82-7	EC50 daphnia	0.9 mg/l



Productname : SOLVENT 50
Ref.Nr.: BDS001046_3_20200715 (EN)

Creationdate : 15.07.20 Version : 3.1
Replaces: BDS001046_20170629

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	-	LC50 fish	> 10 mg/l
		EC50 daphnia	3 mg/l

12.2. Persistence and degradability

No experimental data available

12.3. Bioaccumulative potential

No experimental data available

12.4. Mobility in soil

Insoluble in water

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

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: 2.1
ADR/RID - Classification code: 5F



Productname : SOLVENT 50
Ref.Nr.: BDS001046_3_20200715 (EN)

Creationdate : 15.07.20 Version : 3.1
Replaces: BDS001046_20170629

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: (D)
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.

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: H225 : Highly flammable liquid and vapour.
H226 : Flammable liquid and vapour.
H280 : Contains gas under pressure; may explode if heated.
H304 : May be fatal if swallowed and enters airways.
H315 : Causes skin irritation.
H317 : May cause an allergic skin reaction.
H336 : May cause drowsiness or dizziness.
H400 : Very toxic to aquatic life.
H410 : Very toxic to aquatic life with long lasting effects.



Productname :	SOLVENT 50	Creationdate :	15.07.20 Version : 3.1
Ref.Nr.:	BDS001046_3_20200715 (EN)	Replaces:	BDS001046_20170629

acronyms and synonyms:	H411 : Toxic to aquatic life with long lasting effects.
	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.