

Productname : REINIGER 601 **Creationdate :** 08.11.10
Ref.Nr.: BB27280-3-081110 **Replaces:** 31.10.07

1. IDENTIFICATION OF PRODUCT AND COMPANY

Productname : REINIGER 601
Bulk

Application : Cleaners - Precision

Company : CRC Industries Europe bvba
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CRC Industries Deutschland	Südring 9, 76473 Iffezheim	(+49)(0)7229/3030	(+49)(0)7229/303266
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CRC Industries Sweden	Kryptongatan 14, 43153 Mölndal	(+46)(0)31/7068480	(+46)(0)31/273991

2. HAZARD IDENTIFICATION

Health and Safety : Highly Flammable
Irritating to skin.
Harmful: may cause lung damage if swallowed.
Vapours may cause drowsiness and dizziness.

Environment : Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION AND INFORMATION ON COMPONENTS

Hazardous ingredient	CAS-nbr.	EINECS	w/w %	symbol	R-phrases*	Notes
pentane	109-66-0	203-692-4	30-60	F+,Xn,N	12-51/53-65-66-67	A
Naphtha (petroleum), hydrotreated light (benzene<0.1%)	64742-49-0	265-151-9	30-60	F,Xn,N	11-38-51/53-65-67	B,P
Explanation notes						
A : substance with Community						



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Hazardous ingredient	CAS-nbr.	EINECS	w/w %	symbol	R-phrases*	Notes
workplace exposure limit						
B : substance with national established workplace exposure limit						
P : not classified as carcinogen, less than 0.1% w/w benzene (Einecs-nr. 200-753-7)						

4. FIRST AID MEASURES

General Advice : If symptoms persist always call a doctor

Contact with eyes : If substance has got into eyes, immediately wash out with water for at least 15 minutes
 Seek medical attention if irritation persists

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 : Fresh air, keep warm and at rest.
 Seek medical attention if ill effects occur

Ingestion : If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention

5. FIRE-FIGHTING MEASURES

Flash point (without propellant): < 0 °C (Closed Cup)

Explosion limits : upper limit : 7.8 %

lower limit : 1.1 %

Extinguishing media : foam, carbon dioxide or dry agent

Fire-fighting procedures : Keep container(s) exposed to fire cool, by spraying with water

Unusual exposure hazard : May form explosive vapour/air mixtures

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Shut off all ignition sources
 Ensure adequate ventilation
 Wear suitable protective clothing and gloves.

Environmental precautions : Do not allow to enter public sewers and watercourses
 If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities



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Cleaning methods : Absorb spillage in suitable inert material
 Ventilate area

7. HANDLING AND STORAGE

Handling procedures : Use only in well ventilated areas
 Keep away from heat and sources of ignition
 Take precautionary measures against static discharges
 Do not breathe aerosols or vapours.
 Avoid contact with skin and eyes.

Storage procedures : Keep in a cool, dry, well ventilated place
 Keep out of reach of children.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Control procedures : Ensure adequate ventilation
 Keep away from heat and sources of ignition
 Take precautionary measures against static discharges

Personal protection : Ensure adequate ventilation
 It is advisable to take precautions to avoid contact with skin and eyes when handling the product.

inhalation : In case of insufficient ventilation, wear suitable respiratory equipment.
 (Filter type AX)

hands and skin : Wear suitable protective gloves
 (nitrile)

eyes : Wear safety goggles.

Exposure limits :

Hazardous ingredient	CAS-nbr.	method	
EU established exposure limits:			
pentane	109-66-0	TWA	1000 ppm

9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

Apperance : physical state : Liquid.

colour : Colorless.

odour : Solvent.

Melting point/range : < -30 °C

Boiling point/range : 35-65 °C

Relative density : 0.67 g/cm³ (@ 20°C).

pH : Not applicable.

Vapour pressure : 38 kPa (@ 20°C).



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Relative vapour density :	> 1
Solubility in water :	Insoluble in water
Flash point :	< 0 °C (Closed Cup)
Auto-ignition :	> 200 °C
Viscosity :	0.4 mm ² /s (@ 25°C)
Evaporation rate :	Not available.

10. STABILITY AND REACTIVITY

Conditions to be avoided :	Avoid overheating
Materials to be avoided :	Strong oxidising agent
Hazardous decomposition compounds :	CO,CO ₂

11. TOXICOLOGICAL INFORMATION

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.
Skin contact :	Irritating to skin
Toxicological data :	No experimental data available

12. ECOLOGICAL INFORMATION

Ecotoxicity :	No experimental data available
Other adverse effects :	R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Do not allow to enter public sewers and watercourses

13. WASTE DISPOSAL

Product :	Do not discharge into drains or the environment, dispose to an authorised waste collection point. Disposal should be in accordance with local, state or national legislation
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14. TRANSPORT

UN-number :	3295
Road/Rail - ADR/RID :	UN3295 Hydrocarbons, liquid, n.o.s., (hexanes, pentanes) Class : 3, PG : II, Class code : F1, Label : 3, Tunnel-code : (D/E)
Environmentally hazardous	YES



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Sea - IMDG :	UN3295 Hydrocarbons, liquid, n.o.s., (hexanes, pentanes) Class : 3, PG : II, Label : 3
EmS	F-E,S-D
Marine pollutant	YES
Air - IATA/ICAO :	UN3295 Hydrocarbons, liquid, n.o.s., (hexanes, pentanes) Class : 3, PG : II, Label : RFL
Environmentally hazardous	YES

15. REGULATORY INFORMATION

Warning symbol(s) :	F : HIGHLY FLAMMABLE Xn : HARMFUL N : DANGEROUS FOR THE ENVIRONMENT
Risk-phrase(s) :	R11: Highly flammable. R38: Irritating to skin. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R65: Harmful: may cause lung damage if swallowed. R67: Vapours may cause drowsiness and dizziness.
Safety-phrase(s) :	S2: Keep out of the reach of children. S9: Keep container in a well-ventilated place. S16: Keep away from sources of ignition - No smoking. S23: Do not breathe vapour. S24: Avoid contact with skin. S29: Do not empty into drains. S33: Take precautionary measures against static discharges. S35: This material and its container must be disposed of in a safe way. S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.
Contains :	Contains: hydrocarbons

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16. OTHER INFORMATION

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.

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REVISIONS IN CHAPTRE : 2,11,12,13,14

***Explanation risk-phrases:**

R11: Highly flammable.

R38: Irritating to skin.

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

R67: Vapours may cause drowsiness and dizziness.

This Material Safety Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Material Safety Data Sheet will be sent to you upon simple request or can be found on our website : www.crcind.com. We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.