

1 Identification of the substance/preparation and of the company/undertaking

Product name:

Stencil Cleaner R3

Safety data sheet made by:

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Manufacturer/supplier identification:

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2 Composition/information on ingredients

Chemical characteristic: preparation, aqueous solution

content (%)	CAS-No.	symbol	substance
< 12	77-92-9	C ₆ H ₈ O ₇	citric acid

Additional instructions for the chemical characteristic:

additional ingredients: complexing agent, water

3 Hazards identification

Insalubrious after swallowing.

4 First aid measures

- General instructions: medical attendance

Measures after physical contact:

- after inhalation: fresh air, if necessary summon doctor.
 - after skin contact: wash off with plenty of water, remove contaminated clothing.
 - after eye contact: rinse out with plenty of water with the eyelid held wide open.
Summon eye specialist.
 - after swallowing: immediately make victim drink plenty of water, summon doctor.
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5 Fire-fighting measures

Measures coordinate with the surrounding.

Miscellaneous hints: non-flammable – formation of dangerous vapours during ambient
fire possible (nitrogen oxide NO_x).
Leaking vapours deposit with water.

6 Accidental release measures

Person-related precautionary measures: Avoid substance contact.

Environmental-protection measures:

Do not allow to enter sewerage system, surface water or ground water.

Procedures for cleaning / absorption:

Take up with liquid-absorbent material.

7 Handling and storage

Handling:

The preparation has to handle with care usual when dealing with chemicals.

Storage:

Vessels, which are intended only for storage of foods or drinks are not allowed to fill with chemicals.

A correct label of the vessels is necessary. Protect against unauthorized persons. Storage temperature > 0°C.

8 Exposure controls/personal protection

General protection and und hygiene measures:

Keep away of foods and drinks. Wash hands before rest and after working.

Personal protective equipment:

Wash hands, put on protective gloves, wear eye protection.

9 Physical and chemical properties

Form:	liquid
Colour:	colourless
Odour:	neutral
Flash point:	not applicably
Ignition temperature:	not applicably
Disruption temperature:	>150 °C
Explosion risk:	no explosion risk
Flighty component:	water
Density: (at 20 °C)	1,04 g/cm ³
Bulk density: (at 20 °C)	not applicably
Solubility in/miscibility with:	unlimited with water
pH value: (at 20 °C)	2.5 - 3

10 Stability and reactivity

Conditions to be avoided:	Heating or boiling
Substances to be avoided:	General known reactants with water.
Hazardous decomposition products:	
During normal usage:	nothing
During ambient fire:	nitrogen oxide (NO _x)
Fire hazard:	non-flammable
Explosion risk:	non

11 Toxicological information

Acute toxicity:	no statements are known
After eye contact:	irritations
After skin contact:	irritations
After swallowing:	mucosal irritations in mouth, throat, esophagus and stomach

Further information:

No toxic effects during proper handling.

12 Ecological informations

General information:	hurtful for aquatically organisms
Class 2 of water hazard:	substances endangering a body of water

No ecological effects are expected during proper handling.

Do not allow to enter sewerage system, surface water or ground water. Danger for drinking water.

13 Disposal considerations

Recommendation:

Chemical residues generally count as special waste. The disposal of the latter is regulated in the EC member countries through corresponding laws and regulations. We recommend that you contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

Disposal in compliance with official regulations. Handle contaminated packaging in the same way as the substance itself. If not officially specified differently, non-contaminated packaging may be treated like household waste or recycled.

14 Transport information

Not restricted/classified for Road/Sea/Air freight (ADR 2007, RID 2007, IATA 2007, IMDG).

15 Regulatory information

Labelling according to EC Directives:

Hazard signs:

none

R Phrase:

not applicable

S Phrase:

S 24 / 25 avoid contact with eyes and skin

National regulations:

Class 2 of water hazard: 2 - substances endangering a body of water

Miscellaneous regulations, restrictions and prohibitions:

Swiss poison class (CH): 4 – not harmless substances

Store class: 10 - 13

16 Other information

This information is given on the authorised Safety Data Sheet for your country.
The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

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