

Safety data sheet in accordance with 2001/58/EC

Rayosan C pa

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Substance key: KS14229
Version : 1 - 1 / EU

Revision Date: 01.10.2002
Date of printing : 21.08.2008

1. Identification of the substance/preparation and company

Trade name

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Use of the substance/preparation.

Industry sector : Textile processing industry

Type of use : Textile auxiliary

Identification of the company

Clariant Produkte (Schweiz) AG

Rothausstrasse 61

4132 Muttenz

Telephone no. : +41 61 469 5111

Information about the substance/preparation

Textile, Leather & Paper Chemicals

Product Safety, ++41-(0)61-469-5121

Emergency telephone number : +41 61 469 5121

2. Composition/information on ingredients

Chemical characterization

Triazine derivative

anionic

Hazardous ingredients

TRIAZINE DERIVATIVE

Concentration : 20 - 25 %

CAS number : 4156-21-2

Hazard symbols Xn

R phrases R43 R42

3. Hazards identification

May cause sensitization by skin contact.

May cause sensitization by inhalation.

4. First aid measures

After inhalation

Immediately seek fresh air after inhaling of dust, vapour or aerosol.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

After contact with eyes

Immediately rinse eyes with running water and seek medical advice.

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After ingestion

If swallowed seek medical advice immediately (treat symptomatically).

5. Fire-fighting measures

Suitable extinguishing media
all

Extinguishing media that must not be used for safety reasons
no restrictions

Special hazards from the substance itself, its combustion products or from its vapours
carbon oxides
hydrogen chloride
nitrogen oxides
sulfur oxides

Further information
This product is not combustible

6. Accidental release measures

Methods for cleaning up/taking up
Clean equipment with water.

Additional information
Do not let the liquid drain into rivers, ponds or sewer systems.
Take up as such and consider recycling.

7. Handling and storage

Advice on safe handling
No special measures required.

Advice on protection against fire and explosion
No special measures required.

8. Exposure controls/personal protection

Hygiene measures
Avoid contact with skin.

Respiratory protection : Yes

Hand protection : Chemical resistant gloves
Observe the information of the glove manufacturers on permeability and breakthrough times and other workplace requirements

Eye protection : safety glasses

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9. Physical and chemical properties

Form :	paste
Colour :	white
Odour :	none
Melting point :	not applicable
Boiling point :	app. 100 °C
Flash point :	no flash point up to the boiling point
Density :	1,2 g/cm ³ (20 °C, 1.013 hPa)
Solubility in water :	(20 °C) miscible
pH value :	app. 6 (20 °C)

10. Stability and reactivity

Hazardous reactions
No hazardous reactions known.

Hazardous decomposition products
When used and handled as intended, none.

11. Toxicological information

Acute oral toxicity :	LD50 > 5.000 mg/kg (rat) Method : SANDOZ internal test
Irritant effect on skin :	non-irritant (rabbit) Method : SANDOZ internal test
Irritant effect on eyes :	non-irritant (rabbit) Method : SANDOZ internal test
Sensitization :	Yes Method : diagnosis in humans
Sensitization :	None (human) Method : tests on human beings

Remarks
The product is irritating for the respiratory system
Inhalation of aerosol, resulting from improper handling, may cause respiratory allergy in susceptible individuals.

12. Ecological information

Biodegradability :	< 10 % (28 d, DOC) Method : OECD 302B * 1981 Mod. Zahn-Wellens (inherent)
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Daphnia toxicity :	EC0 > 100 mg/l (24 h, daphnia magna (water flea)) Method : OECD 202 * 1984 acute tox.
Bacteria toxicity :	IC50 > 100 mg/l (activated sludge) Method : OECD 209 * 1984 activated sludge.Respir.inhib.
Chemical oxygen demand (COD) :	180 mg/g
Biochemical oxygen demand (BOD5) :	< 15 mg/g 5 d

13. Disposal considerations

Product
Dispose of in accordance with local authority regulations

Uncleaned packaging
Consider recycling.

Composition
C , Cl , H , K , N , Na , O , P , S ,

14. Transport information

IATA	not restricted
IMDG	not restricted
ADR	not restricted
RID	not restricted
ADNR	not restricted

15. Regulatory information

Labelling in accordance with EC-Directives
The product is classified and labelled in accordance with EC Directives

Hazard symbols

Xn	Harmful
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R phrases

R43	May cause sensitization by skin contact.
R42	May cause sensitization by inhalation.

S phrases

S39	Wear eye/face protection.
S37	Wear suitable gloves.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S24	Avoid contact with skin.
S23	Do not breathe gas/fumes/vapour/spray.
S22	Do not breathe dust.

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16. Other information

Text of the R-phrases which are allocated to the ingredients/components mentioned in section 2 of this Safety Data Sheet.

R42	May cause sensitization by inhalation.
R43	May cause sensitization by skin contact.

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.