

MATERIAL SAFETY DATA SHEET

SUPER CMF 240

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Replaces: 29/06/2007



RESPONSIBLE COMPANY:

CHRISAL CLEANING PRODUCTS

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1. IDENTIFICATION OF THE PRODUCT:

Identification : liquid compound
Kind of product : alkaline cleaner
Concentration in use : 1 - 50 % in water

2. HAZARDS IDENTIFICATION:

This is a hazardous preparation with following risks: Risk of serious damage to eyes.

3. COMPOSITION AND INFORMATION ON DANGEROUS COMPONENTS:

Dangerous components	%	Symbol	R-Phrases	CAS N°	EINECS N°
2-(2-butoxyethoxy)ethanol	2,5 - 9	Xi	36	112-34-5	203-961-6
Sodiummetasilicate	0,5 - 2,4	C	34-37	6834-92-0	229-912-9
Quaternary cocoalkylmethylamine ethoxylate methylchloride	2,5 - 9	Xn, N	22-38-41-50	Polymer	Polymer
Fattyalcohol C10 -14, ethoxylated	2,5 - 9	Xn	22-41	69011-36-5	

This is a harmless product in the indicated percentages of utilization.

4. FIRST AID MEASURES:

Always ask medical advice as soon as possible should serious or continuous disturbances occur

Skin contact : none

Eye contact : rinse first with plenty of water, if necessary seek medical attention

Ingestion : allow to drink water and do not induce vomiting

Swallowing : in case of serious or continuous discomforts: remove to fresh air and seek medical attention

5. FIRE FIGHTING MEASURES :

Fire extinguishing agents : non flammable

Extinguishing agents to be avoided : none

Special preventive measures in case of fire : none

6. ACCIDENTAL RELEASE MEASURES:

Preventive measures : keep in a sealed container, out of reach of children
Personal safety measures : no eating, drinking or smoking during work
Environmental measures : avoid concentrate to flow into sewers or open water
Measures in case of leakage : dilute with water

7. HANDLING AND STORAGE:

Special preventive measures in handling and storing : keep in a sealed container in a closed, frost-free room
Packing materials to be avoided : none
Preventive measures : handle with care to avoid spillage

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

Inhalation protection : none
Skin protection : none
Eye protection : goggles
Other protection : none
Follows a list of the hazardous elements mentioned sub
2. of which the TLV value is known :

• /



9. PHYSICAL AND CHEMICAL PROPERTIES:

Melting point/melting range, °C	: 0
Boiling point/Boiling range, °C	: 100 - 252
pH	: 12,7
pH 1% diluted in water	: /
Vapour pressure/20°C, Pa	: 2332
Relative density/20°C	: 1,046
Physical state/20°C	: liquid
Flash point, °C	: /
Ignition point, °C	: /
Solubility in water	: completely soluble
Odour	: odourless
Dynamic viscosity, mPa.s/20°C	: 1
Kinematic viscosity, mm ² /s/20°C	: 1
Volatile organic component (VOC), %	: /

10. STABILITY AND REACTIVITY:

Dangerous reactions with : none known
Circumstances to be avoided : none known

11. TOXICOLOGICAL INFORMATION:

About the substance itself : not applicable under actual EEC guidelines for preparations
General information : see ingredients under section 2
Calculated acute toxicity, LD50 Oral Rat: 1592 mg/kg

12. ENVIRONMENTAL INFORMATION:

About the substance itself : not applicable under actual EEC guidelines for preparations
General information : see ingredients under section 2
Biological degradability : the tensio-active substances used are over 90 % biodegradable according to OECD standards
Water hazard class, WGK: 3

13. DISPOSAL CONSIDERATIONS:

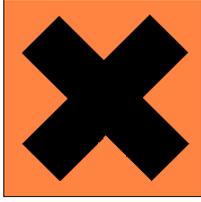
The product may be discharged in the indicated percentages of utilization, provided it is neutralised to pH 7.
Possible restrictive regulations by local authority should always be adhered to.

14. TRANSPORT INFORMATION:

Class & number : , /
Identification number of the hazard : /
Identification number of the substance : ADR not applicable, /
Labels : /

15. REGULATORY INFORMATION:

Labels:



Irritant

Risk phrases

R41 Risk of serious damage to eyes.

Safety phrases

/

S2 Keep out of reach of children.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S39 Wear eye/face protection.

S46 If swallowed, seek medical advice immediately and show this container or label.

Contains

Sodiummetasilicate

16. OTHER INFORMATION:

R-Phrases, mentioned in point 3, not of application on the preparation.

Risks connected to the preparation and its hazardous components : R22 Harmful if swallowed. R34 Causes burns. R36 Irritating to eyes. R37 Irritating to respiratory system. R38 Irritating to skin. R41 Risk of serious damage to eyes. R50 Very toxic to aquatic organisms.

Reason of revision, changes of following items: 2, 9, 16

Composition by regulation (EC) No 648/2004: Nonionic surfactants 5 < 15% , Cationic surfactants <5%

This safety information sheet has been compiled in accordance with annex II of the REACH-directive EG 1907/2006. Classification has been calculated in accordance with the European directive 67/548/EWG and 1999/45/EC with their respective amendments. It has been compiled with the utmost care, we cannot, however, accept responsibility for damage, of any kind, that may be caused by using these data or the product concerned.

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