

**EC Safety Data Sheet**

Pursuant to 91/155 / EEC

KMG



Issue Date / Reference 14.09.2004/IM  
Replaces version dated 14.05.2003  
Date printed 14.09.2004 Sheet No. EGSDO722 Page 1 of 4

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Company CANDULOR AG, Pünten 4, CH-8602 Wangen ZH  
Switzerland

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**1 Commercial Product Name and Supplier**

- 1.1 Commercial product name / Designation **KMG**
- 1.2 Application / Use High gloss polishing compound for the fine and precision polishing of acrylics and metal alloys in prosthetic dentistry
- 1.3 Manufacturer CANDULOR AG, Pünten 4, CH-8602 Wangen ZH / Switzerland
- 1.4 Supplier
- 1.5 TOXICOLOGICAL  
EMERGENCY NUMBER Mr Antonio Ferilli, Tel. (+ 41) 044 805 90 24
- 1.6 Product No. ---
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**2 Composition**

- 2.1 Chemical characterisation Anorganic solvents, solubisers, additives, Cross-linkers, polishing compounds, dispersants, preservatives, stabilisers and adjuvants.  
Hazardous ingredients CAS No. Content % Warning symbols R sentences  
Designation in accordance with EC Directive not applicable  
MAC: not applicable
- 2.2 Additional information The formulation does NOT contain the following substances: carcinogenic agents in accordance with MAC values 1993, substances causing industrial diseases pursuant to BeKV (Industrial Disease Ordinance) aromatic hydrocarbons, chlorinated solvents, cationic-active tensides, quarternary ammonium compounds, formaldehyde, halogen and phenol-containing substances.
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**3 Possible Hazards**

Particular hazard warnings for humans and environment:  
R sentences: not applicable

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**4 First Aid**

- 4.1 Contact with the eyes Rinse with plenty of water for at least 10 minutes.  
Consult a doctor if symptoms persist.
- 4.2 Contact with skin Not applicable.
- 4.3 Swallowing Not for oral use. Allow the person affected to vomit.
- 4.4 Breathing in Not applicable
- 4.5 Additional information None
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**5 In the Event of a Fire**

- 5.1 Suitable extinguishing agent Not applicable. Adhere to company fire prevention measures.



5.2 Unsuitable extinguishing agent Not applicable. Adhere to company fire prevention measures.

5.3 Additional information Special protective equipment not required.

**6 Measures to be Adopted in the Case of Spillage**

Person-related precautionary measures: not required

Environmental measures: Do not allow to enter drains / surface water / groundwater.

Cleaning procedure :

Use fluid absorbing material (sand, sawdust, universal binding agent) to mop up. Remove remainder with a mixture of tenside/water. See also item 13.

**7 Handling and Storage**

7.1 Handling This product may only be handled by properly trained personnel. It must be kept out of reach of children.

7.2 Hygiene The usual professional hygiene measures are to be taken.

7.3 Storage No special requirements.

7.4 Storage location No special requirements.

7.5 Fire and explosion protection No special requirements.

**8 Exposure Limit and Protective Equipment**

8.1 Technical equipment No special requirements.

8.2 Substances with workplace-related exposure limits which have to be monitored

CAS No.	Designation	Substance %	Type	Value	Unit
None.					

8.3 Personal protective equipment Adhere to own regulations

8.3.1 Respiratory protector Not required.

8.3.2 Gloves Not required.

8.3.3 Eye protector Safety goggles.

8.3.4 Others Wash hands before breaks and when finishing work

**9 Physical and Chemical Properties**

9.1 Form Liquid

9.2 Colour Pink

9.3 Odour Characteristic

9.4 Change of state Not applicable

9.5 Density 1150 g/cm<sup>3</sup> (15 °C)

9.6 Steam pressure Not applicable

9.7 Viscosity Not applicable

9.8 Water solubility Soluble at 20 °C

9.9 pH value at 10 g/l H<sup>2</sup>O approx. 9.5

9.10 Flash point Not applicable, DIN 51 755

9.11 Ignition temperature Not applicable, DIN 51 794

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9.12	Explosibility limits	Lower: Not applicable	Vol.%
		Upper: Not applicable	Vol.%

9.13	Additional information	None
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**10 Stability and Reactivity**

10.1	Thermal decomposition	Does not compose at normal temperatures
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10.2	Hazardous decomposition products	No hazardous decomposition products known.
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10.3	Hazardous reactions	No hazardous reactions known
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10.4	Additional information	None
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**11 Toxicological Data**

11.1	Acute toxicity	Primary irritation: mildly irritating to the eyes, however, no damage to the eye tissue. Sensitisation: Non-sensitising.
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11.2	Subacute / chronic toxicity	No detrimental effects on health are to be expected if used properly (wash hands).
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11.3	Additional information	None
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**12 Ecological Data**

Formulation contains substances which are mildly water-polluting (WGK – Water Pollutant Class)

1). Do not allow to enter drains / surface water / groundwater in undiluted form and/or in large amounts.

**13 Disposal**

Disposal not required if used for the specified purpose. May not be disposed of with household waste. Designation waste n.o.s. Soiled packaging: containers are to be completely emptied; after cleaning they can be handed over for recycling.

13.1	EC waste code	07 06 99
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13.2	CH waste code	Not known.
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13.3	Origin	Dental practices and laboratories
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**14 Transport**

14.1	Road transport	GGVE / GGVS	Class ----	Item ----
		RID / ADR	Class ----	Item ----
		UN No.	----	Kemler Index ----

Warning sign	----
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Packing group	----
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Declaration road	----
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14.2	Marine transport:	GGVSee	Class ----	Item ----
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	ADNR	Class ----	Item ----	Cat. ----
	UN No.	----		
	IMDG code page	----		
	EMS	----		
	MFAG	----		
	Declaration sea	----		
14.3	Air transport	ICAO / IATA-GDR		
	UN No.	----		
	PSN	----		
	Subsidiary risk	----		
	Labels	----		
	Packing group	----		
	Passenger aircraft	Packing Instruction ----		max. ----
	Cargo aircraft only	Packing Instruction ----		max. ----
14.4	Additional information	Not classed as hazardous good under transport regulations.		
15	<b>Regulations</b>	This product is not subject to labelling requirements under the Hazardous Substances Ordinance and EC directives.		
15.1	UN No.	----		
15.2	Swiss Regulations	BAG T No. ----		
	Toxicity Class CH	----		
15.3	EC No.	----		
15.4	Warning symbols	----		
15.5	Warning marks	----		
15.6	R sentences (warnings)	R:		
15.7	S sentences (safety recommendations)	S:		
15.8	MAC value	----		
15.9	BVD Classification	----		
15.10	VbF	----		
15.11	Additional information	Water Pollutant Class (WGK): 1 (self-classification in accordance with VCI concept)		
16	Other notes	None		

*All the above information is based on the current status of our knowledge and experience, and is intended to describe the product with regard to any safety requirements. The stated information does not imply any guarantees in respect of product characteristics. It applies for the product as put into circulation. It does not apply for any converted products created through use. The receiver of the product is responsible for adhering to applicable laws and regulations.*