

**EEC-Safety Data Sheet**

Date of issue / Reference

System 1 Tray Accu-Gel

14/02/2000/IM

Replaces version of

14/02/2000

Date of printing

14/08/2001

Sheet no. 01/04



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

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**1 Commercial product name and supplier**

1.1 Commercial product name /  
designation

**System 1 Tray Accu-Gel**

1.2 Application / use

Hydro-colloid for impressions

1.3 Producer

CANDULOR LTD, Pünten 4, CH-8602 Wangen ZH  
Switzerland

1.4 Supplier

1.5 TOX emergency number

+1 – 541 618 8461 or 00800 2263 8567

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**2 Composition**

2.1 Hazardous components

Potassium fluoro titante (CAS-No. 16919-27-0)  
Tetrasodium Pyrophosphate (Na<sub>4</sub> P<sub>2</sub>O<sub>7</sub>) (CAS-No. 7722-88-5)  
Trisodium Phosphate (Na<sub>3</sub>PO<sub>4</sub>) (CAS-No. 7601-54-9)

2.2 Further information

dry, fluffy powder

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**3 Hazards identification**

Dust generation, may be generated in a fire

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**4 First aid measures**

4.1 Eye contact

Irrigate with copious amount of water for 10 minutes. Make sure  
water bathes eye. Open lids gently until treatments completed.

4.2 Skin contact

Wash area with soap and water.

4.3 Ingestion

Powder: Give large amounts of water.

4.4 Inhalation

Gel: Accu-Gel is non-toxic when ingested.  
Cough, take into fresh air.

4.5 Further information

none

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**5 Fire-fighting measures**

5.1 Suitable extinguishing media

N/A

5.2 Extinguishing media to avoid

N/A

5.3 Further information

none

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**6 Accidental release measures**Sweep up spilled material. Place in closed containers. Dispose of  
containers according to local and federal waste disposal  
procedures.

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**7 Handling and storage**

7.1 Handling

Only adequately trained personnel should handle this product.  
Keep out of reach of children. Avoid dust build-up.

7.2 Industrial hygiene

Usual hygienic measures are necessary. When using, do not

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		eat, drink or smoke. Avoid breathing dust.
7.3	Storage	Normal warehousing handling procedures.
7.4	Place of storage	Store away from sun.
7.5	Fire- and explosion protection	No specific requirements.

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**8 Exposure controls / personal protection**

8.1	Technical equipment	During mixing it is recommended to apply local exhaust ventilation
8.2	Control of threshold limits	Producer Industry recommends an exposure limit of: 4 mg/m <sup>3</sup>
8.3	Personal protective equipment	you might have your own regulation
8.3.1	Respiratory protection	Avoid breathing dust. In dusty atmospheres, use an approved dust respirator.
8.3.2	Hand protection	Rubber gloves, as powder may cause drying of skin
8.3.3	Eye protection	Safety goggles
8.3.4	Other	none

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**9 Physical and chemical properties**

9.1	Appearance	Dry, fluffy powder
9.2	Color	white
9.3	Odour	mint
9.4	Change in physical state	high humidity and water will cause material to gel.
9.5	Density	2.3 g/cm <sup>3</sup> (20°C)
9.6	Vapour pressure	Not applicable.
9.7	Viscosity	Not applicable.
9.8	Solubility in water	Gel formation.
9.9	pH-value	9 – 10 Suspension
9.10	Flash point	Not combustible
9.11	Ignition temperature	Not applicable
9.12	Explosion limits	Lower: vol.% Upper: vol.% N/A
9.13	Further information	none

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**10 Stability and reactivity**

10.1	Thermal decomposition	> 200°C
10.2	Hazardous decomposition products	. None, if used in accordance to instructions
10.3	Hazardous reactions	None known.
10.4	Further information	none

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**11 Toxicological information**

- 11.1 Acute toxicity not known
- 11.2 Subacute / chronic toxicity No adverse effects anticipated by this route of exposure incidental to proper industrial handling.
- 11.3 Further information Diatomaceous earth 1,5 mg/m<sup>3</sup> respirable dust has potential to cause fibrosis of the lung. Less likely than crystalline silica. Under normal conditions, Accu-Gel preparation is not hazardous.

**12 Ecological information**

No ecological problems to be anticipated if properly handled and used.

**13 Disposal considerations**

Sweep up spilled material. Place in closed containers. Dispose of containers in accordance with local, state and federal waste disposal procedures.

- 13.1 EC waste key 912
- 13.2 Swiss waste code Not known
- 13.3 Origin Dental practice and dental laboratory

**14 Transport information**

- 14.1 Road transport: GVE / GGVS Class --- Cipher ---  
 RID / ADR Class --- Cipher ---  
 UN-No. --- Kemler No ---  
 Warning label ----  
 Packing group ----  
 Declaration road ----
- 14.2 Marine transport: GGVSee Class ---- Cipher ----  
 ADN R Class ---- Cipher ---- Cat. ----  
 UN-No. ----  
 IMDG-code page ----  
 EMS ----  
 MFAG ----  
 Sea transport statement ----
- 14.3 Air transport ICAO / IATA-GDR ----  
 UN-No ----  
 PSN ----  
 Subsidiary risk ----  
 Labels ----

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	Packing group	----	
	Passenger aircraft	Packing instruction ----	max. ----
	Cargo aircraft only	Packing instruction ----	max. ----
14.4	Further information	Product is not classified for any mode of transportation.	
15	<b>Regulatory information</b>	This product does not require classification according to the criteria of the EEC and the "Gefahrstoffverordnung". The product is a medical device according to the EC-directive 93/42.	
15.1	UN-No	----	
15.2	Swiss regulations	BAG T No. ----	
	Swiss toxicity class	----	
15.3	EC No	----	
15.4	Hazard symbols		
15.5	Hazard designation	----	
15.6	Risk phrases	<b>R:</b>	
15.7	Safety phrases	<b>S:</b>	
15.8	MAK value	----	
15.9	BVD-classification	----	
15.10	VbF	----	
15.11	Further information	none	
6	<b>Other information</b>	Store in a cool, dry place away from direct sunlight.	

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*The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications have not the meaning of guarantees on properties*

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