

**Solaris Aktivator**

Material no.		Version	<b>1.4 / GB</b>
Specification	<b>147309</b>	Revision date	<b>04.07.2007</b>
VA-Nr		Print Date	<b>19.06.2009</b>
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**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name	:	Solaris Aktivator
Company	:	DeguDent GmbH Postfach 1364 D-63403 Hanau
Telephone	:	+49 (0)6181/59-5767
Telefax	:	+49 (0)6181/59-5879
Email address	:	SDB@degudent.de
Emergency telephone number	:	+49 (0)180 / 23 24-555
Use of the Substance / Preparation	:	For dental use only.

**2. HAZARDS IDENTIFICATION****Classification**

Xn, Harmful  
R20/22: Harmful by inhalation and if swallowed.

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Information on ingredients / Hazardous components**

• <b>potassium antimony tartrate</b>	< 2.5%	
CAS-No.	28300-74-5	EC-No. 234-293-3
	Xn; R20/22	
	N; R51, R53	

See chapter 16 for text of risk phrases

**4. FIRST AID MEASURES****General advice**

Remove from exposure, lie down.  
Remove contaminated or saturated clothing immediately and dispose of safely.

**Inhalation**

Move victims into fresh air.  
In case of persistent discomfort: Consult doctor immediately.

**Skin contact**

Remove contaminated or saturated clothing immediately and dispose of safely.  
Wash off with plenty of water and soap immediately.  
Consult a doctor in the event of permanent skin irritation.

**Eye contact**

Rinse thoroughly immediately with plenty of water for at least 5 minutes keeping eyelid open.

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See an eye specialist immediately.

**Ingestion**

Have the mouth rinsed with water.

Immediately give plenty of water (if possible charcoal slurry).

Should vomiting occur, be sure to keep victim's head below hips to avoid aspiration of vomitus into the lungs.

Call a physician immediately.

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**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Water spray, foam, CO<sub>2</sub>, dry powder., Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Extinguishing media which must not be used for safety reasons**

high volume water jet

**Specific hazards during fire fighting**

Not combustible.

Do not inhale decomposition gases or noxious gases.

**Special protective equipment for fire-fighters**

wear a self contained respiratory apparatus

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**6. ACCIDENTAL RELEASE MEASURES****Personal precautions**

Wear personal protective equipment.

Ensure sufficient ventilation.

Do not inhale vapours / aerosols.

Keep unauthorised persons away.

**Environmental precautions**

Prevent penetration into soil, stretches of water and drainage systems.

**Methods for cleaning up**

Ensure sufficient ventilation.

Pick up mechanically with a suitable material and collect in a suitable container.

Dispose of contaminated material as a waste in a correct manner.

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**7. HANDLING AND STORAGE****Handling****Safe handling advice**

Avoid contact with skin, eyes and clothing.

Do not inhale vapours / aerosols.

Provide sufficient ventilation and exhaust at the workplace.

**Storage****Requirements for storage areas and containers**

Keep container tightly closed in a dry and well-ventilated place.

**German storage class**

12 - Non Combustible Liquids

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Components with workplace control parameters**• **potassium antimony tartrate**

CAS-No.	28300-74-5	EC-No.	234-293-3
Control parameters	0.5 mg/m <sup>3</sup>		Time Weighted Average (TWA):(EH40 WEL)

**Personal protective equipment****Respiratory protection**

If gas/fumes/aerosols occur for short periods:  
Respirator with grey B-type filter

**Hand protection**

Chemical-resistant protective gloves (EN 374)  
The suitability for a specific workplace should be discussed with the producers of the protective gloves.

**Eye protection**

Safety glasses with side-shields

**Skin and body protection**

suitable protective clothing  
Use suitable skin protective agents before handling product. Cleanse and apply cream to skin after work. Preventive skin protection recommended.

**Hygiene measures**

No eating, drinking, smoking, or snuffing tobacco at work. Wash face and/or hands before break and end of work.  
Keep away from food, drink and animal feedingstuffs.  
Take off all contaminated clothing immediately.  
Wash contaminated clothing before re-use.  
Keep working clothes separately.  
Do not inhale vapours / aerosols.  
Avoid contact with skin, eyes, and clothing.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance**

Form	liquid
Colour	colourless, clear
Odour	characteristic

**Safety data**

pH	ca. 4.5 (20 °C)
Melting point/range	not determined
Boiling point/range	not determined
Flash point	not applicable
Autoinflammability	not auto-flammable

**SAFETY DATA SHEET** (EC 1907/2006)**DeguDent**

A Dentsply International Company

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Explosiveness not explosive

Density 1 g/cm<sup>3</sup> (20 °C)**Further information**

Miscibility in water miscible

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**10. STABILITY AND REACTIVITY**

Hazardous decomposition products No decomposition if used as directed.

Hazardous reactions No dangerous reaction known under conditions of normal use.

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**11. TOXICOLOGICAL INFORMATION**

Skin irritation May cause skin and eye irritation in susceptible persons.

Eye irritation possibly irritating

Sensitization not known

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**12. ECOLOGICAL INFORMATION****Elimination information (persistence and degradability)****Behaviour in environmental compartments****Ecotoxicity effects***Ecotoxicological tests with this preparation are not available.*

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**13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

**Uncleaned packaging**

Disposal according to local authority regulations.

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**14. TRANSPORT INFORMATION****Transport/further information**

Not classified as dangerous in the meaning of transport regulations.

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**15. REGULATORY INFORMATION****Labelling according to EC Directives****hazard-defining component(s)**

- potassium antimony tartrate

<b>Symbol(s)</b>	Xn	Harmful
<b>R-phrase(s)</b>	R20/22	Harmful by inhalation and if swallowed.
<b>S-phrase(s)</b>	S23 S36/37/39	Do not breathe gas/fumes/vapour/spray. Wear suitable protective clothing, gloves and eye/face protection.

**National legislation****16. OTHER INFORMATION****Risk phrase (R phrase) texts**

- **potassium antimony tartrate**
  - R20/22 Harmful by inhalation and if swallowed.
  - R51 Toxic to aquatic organisms.
  - R53 May cause long-term adverse effects in the aquatic environment.

**Further information**

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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