

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard.

Identity 1,4-dioxane paste, kit 1

Section I

Manufacturer's Name Pharmachemie AG Emergency Tel. No. +41 1 381 16 42
 Address Dürerbühlstr. 125 Tel. No. for Information +41 1 381 16 42
CH-8052 Zürich Date Prepared 21.10.2008
 Signature of Preparer M.D. Kersch

Section II - Hazardous Ingredients / Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<u>p-Dioxane</u>				
<u>1,4-dioxane</u>				

Section III Physical/Chemical Characteristics

Boiling Point n.g. °C Specific Gravity
 Vapor Pressure at n.g. °C (mm Hg) Melting Point °C
 Vapor Density (AIR = 1) Evaporation Rate (Butyl acetate = 1)
 Solubility in Water no
 Appearance and Odor paste, 1,4-dioxane

Section IV - Fire and Explosion Hazard Data

Flash Point n.g. °C Flammable Limits at °C LEL % UEL %
 Extinguishing Media
 Special Fire Fighting Procedures no inflammable product
 Unusual Fire and Explosion Hazards no

Section V - Reactivity Data

Stability Unstable Stable Conditions to Avoid keep the product at RT
 Incompatibility (Materials to Avoid)
 Hazardous Decomposition or Byproducts
 Hazardous Polymerization May Occur Will Not Occur Conditions to Avoid

Section VI - Health Hazard Data

Routes of Entry: Inhalation Skin Ingestion
Root canal

Health Hazards (Acute and Chronic) *An eye and skin irritant*
Moderately toxic by ingestion and skin contact

Carcinogenicity NTP IARC Monographs OSHA Regulated
No

Signs and Symptoms of Exposure

Medical Conditions

Generally Aggravated by Exposure

Emergency and First Aid Procedures *Eye contact: rinse exhaustively with water*
Skin contact: wash with water, and consult doctor immediately

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken *wash it away with water, clean*
 In Case Material is Released or Spilled *with detergent*

Waste Disposal Method *chemically waste*

Precautions to Be Taken *Handling by dentist or technician*
 In Handling and Storing *Storing at room temperature*

Other Precautions *Keep away from children's reach and away from food*

Section VIII - Control Measures

Respiratory Protection (Specify Type) *no*

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other

Protective Gloves *no* Eye Protection *glasses*

Other Protective Clothing or Equipment *no*

Work/Hygiene Practices *work clean and with precaution*