

Drugs

Silicon dioxide

Targets (1)

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This drug entry is a **stub** and has not been fully annotated. It is scheduled to be annotated soon.

IDENTIFICATION

Name	Silicon dioxide
Accession Number	DB11132
Type	Small Molecule
Groups	Approved
Description	Silicon dioxide, or silica, is an oxide of silicon with the chemical formula SiO2. It is found in nature as agate, amethyst, chalcedony, cristobalite, flint, sand, QUARTZ, and tridymite as transparent and tasteless crystals. Inhalation of fine crystals is toxic to humans leading to respiratory toxicity. In powdered food products and pharmaceutical tablets, silicon dioxide is added as a flow agent to absorb water. Colloidal silica is also used as a wine, beer, and juice fining agent or stabilizer.

Structure



3D

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Similar Structures

Synonyms	Colloidal silica
	Colloidal silicon dioxide
	Diatomaceous earth
	Diatomaceous silica
	Diatomite
	Infusorial earth
	Kieselsäureanhydrid
	Silica
	Silica gel
	Silica, colloidal
	Siliceous earth
	Siliceous earth, purified
	Silicon dioxide (amorphous)
	Silicon dioxide, colloidal
	Silicon dioxide, fumed
	Silicon oxide
	Siliziumdioxid

External IDs	E-551 / INS NO.551 / INS-551 / U 333
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Over the Counter Products

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Drugs

2080 Dentistry Night Fresh	Paste, dentifrice	15 g/100g	Dental	Aekyung Industrial Co., Ltd.	2017-02-03	Not applicable		ADDITIONAL DATA AVAILABLE	<<
2080 Dentistry Night Repair	Paste, dentifrice	15 g/100g	Dental	Aekyung Industrial Co., Ltd.	2017-02-03	Not applicable			
28tak Doux Tooth	Paste, dentifrice	4.8 g/60g	Oral	Elmeditec Co.,Ltd	2018-07-01	Not applicable			
Dr. Zenni Kids tooth (Baby)	Paste, dentifrice	6 g/100g	Dental	Zeniton Co.,Ltd.	2019-02-01	Not applicable			
Evertox Special Bath Preparations	Powder	20 g/100g	Topical	Kmtr Co., Ltd.	2015-01-11	Not applicable			
Lubas	Paste, dentifrice	17 g/100g	Dental	Lubasbio Co., Ltd	2013-11-23	Not applicable			
Olea Olidental	Paste	170 mg/1g	Oral	Aju Pharm Co., Ltd.	2017-01-17	Not applicable			
Oprecare 12	Gel	1.71 g/60g	Dental	O'precare	2017-10-12	Not applicable			
Oprecare 24	Gel	1.425 g/50g	Dental	O'precare	2017-10-12	Not applicable			
Silica Gel	Gel	80 mg	Oral	Abundance Marketing Ltd.	1998-01-05	2004-06-30			

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Mixture Products

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NAME	INGREDIENTS	DOSAGE	ROUTE	LABELLER	MARKETING START	MARKETING END			
28tak Clair Tooth	Silicon dioxide (4.8 g/60g) + Sodium fluorophosphate (0.13 g/60g)	Paste, dentifrice	Oral	Elmeditec Co.,Ltd	2018-07-01	Not applicable			
Alegria Neo	Silicon dioxide (2.80 g/20g) + Allantoin (0.008 g/20g)	Paste, dentifrice	Topical	Seowangmo Corporation	2017-10-01	Not applicable			
BAMBOO SALT Eunganggo Jook Yeom	Silicon dioxide (20 g/100g) + Aminocaproic Acid (0.05 g/100g) + Curcuma xanthorrhiza oil (0.025 g/100g) + Glycyrrhizinate dipotassium (0.04 g/100g) + Sea salt (3 g/100g) + Sodium fluoride (0.22 g/100g) + Ursodeoxycholic acid (0.02 g/100g)	Paste	Dental	Lg Household & Health Care Ltd.	2011-03-15	Not applicable			
BAMBOO SALT Eunganggo Jook Yeom	Silicon dioxide (20 g/100g) + Aminocaproic Acid (0.05 g/100g) +	Paste	Dental	Lg Household & Health Care Ltd.	2010-05-25	Not applicable			