



PRODUCT SAFETY INFORMATION


Issue Date: March 3, 2023

Trade Names:	Tixosil® 68B FCC, 68B PC, 68 PC and 68	
Chemical Name:	Silica, Synthetic Amorphous Silica, Silicon Dioxide	Molecular Formula: SiO ₂
CAS Number:	112926-00-8 / 7631-86-9	Molecular Weight: 60.08 g/mol
Number:	Tixosil®, a synthetic amorphous silica, is produced by precipitation of sodium silicate and sulfuric acid in water. It has been confirmed by X-Ray Diffraction that the resulting product contains no crystalline structures.	
Structure:		
Nano Materials:	There is no harmonized definition of a nanomaterial. The status of a substance as a nanomaterial is therefore dependent on the region in question and their specific definition of a nanomaterial. Synthetic Amorphous Silica is not considered a nanoparticle, but is a nanostructured material according to the technical specification of ISO TS 80004-1	
Manufacturer:	Solvay USA, Inc. 504 Carnegie Center Princeton, NJ 08540	Manufacturing Location: Solvay USA – Chicago Heights 1020 State Street Chicago Heights, Illinois 60411 USA
FDA Food Facility Number:	15782780790	
HTS classification:	2811.22.50.00	
Country of Origin:	USA	
ISO Certification:	ISO 9001, ISO 14001	
Kosher Certification:	Certified	
Halal Certification:	Certified	
HARPC Plan:	In place	
Food Safety Audit:	GFSI audit FSSC 22000 Version 4.1	
US FDA:	Silicon Dioxide has multiple FDA uses as both a direct and indirect food additive. See accompanying Silica Food and Feed References document for citations.	
Organic Food:	Listed on the synthetic chemicals permitted in Organic products; 7 CFR 205.605(b)	
Dietary classification:	Precipitated silica is both a direct and an indirect food additive and should not be classified as a dietary substance	
Packaging:	In compliance with all applicable FDA good manufacturing practices	

Nutritional Data: g/100g sample)

Nutrient	Data	Nutrient	Data	Nutrient	Data
Calories	N/A	Ash	<8.5 g	Vitamin D	N/A
Protein	N/A	Vitamin A	N/A	Vitamin E	N/A
Carbohydrates	N/A	Thiamin B1	N/A	Calcium	N/A
Dietary Fiber	N/A	Riboflavin B2	N/A	Iodine	N/A
Sugar – total	N/A	Pantothenic Acid B ₅	N/A	Iron	N/A
Fat – total	N/A	Vitamin B6	N/A	Magnesium	N/A
Saturated Fat	N/A	Biotin B7	N/A	Phosphorus	N/A
Trans fatty acids	N/A	Folate B9	N/A	Potassium	N/A
Cholesterol	N/A	Vitamin B12	N/A	Sodium	1.3 g
Water	<7.0 g	Vitamin C	N/A	Zinc	N/A

- Allergens:** Our products do not contain allergens and the allergens are not present in our plants therefore eliminating a possibility of cross contamination. Our evaluation covers the following major food allergens:
- Peanuts or peanut products
 - Tree nuts or their derivatives of any type including almond, Brazil, beech, butternut, cashew, chestnut, coconut, hazelnut, hickory, lychee, macadamia, pecan, pistachio, walnut
 - Seeds including cottonseed, sesame, sunflower
 - Other legumes including chickpea, lentil, lupin, peas
 - Dairy products including milk, whey, casein, yogurt, cheese, butter
 - Lactose
 - Eggs including whites, yolks, albumin
 - Soy or soy derived products
 - Grains (bran, germ, gluten, or flour) including barley, buckwheat, corn, oat, rice, rye, wheat
 - Gluten from any source
 - Celery
 - Mustard (see, oil, leaves or flowers)
 - Crustaceans including lobster, crab, crayfish, shrimp
 - Molluscs including oysters, clams, etc.
 - Fish of any species
 - Bee pollen
 - Royal jelly
 - MSG (Monosodium Glutamate)
 - Sulfites
 - Colors
 - Oils
 - Hydrolyzed proteins
 - BHA / BHT
 - Latex
- Non-GMO:** This product is synthetically manufactured and is not derived from Genetically Modified Organisms
- BSE/TSE:** Not a source of Bovine Spongiform Encephalitis (BSE) or Transmissible Spongiform Encephalopathy (TSE)
- Melamine:** Not reasonably expected to be present
- Irradiation:** Our manufacturing process does not include the use of irradiation
- Pest Control:** Program in place
- Residual Solvents:** Compliant with USP/NF <467>, no Class I, II or III solvents used
- Lead Content:** 0.40 ppm (typical)
- WADA:** No products made or stored in our manufacturing facility contain materials on the current WADA list
- REACH:** Products manufactured in the USA are compliant, but not registered with REACH.
- PBT:** Not a PBT (Persistent, Bioaccumulative and Toxic) pollutant
- CA PROP 65:** Silica is not a CA Prop 65 chemical, however trace levels of heavy metals may be present below FCC limits



Judy D. Johnson
Solvay USA Inc.
Manager Regulatory and Product Stewardship
Phone: +1 609 860 -3104
Email: judy.johnson@solvay.com

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