

## Silicon Dioxide - Product Specification

### PRODUCT INFORMATION

|                        |                                                                                                                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description    | Silicon Dioxide is made by mining and purifying quartzis. The primary application of Silicon Dioxide is as an anti-caking agent thats used in food to reduce caking and aid the flow of powdered products |
| Product Code           | 15SILICON                                                                                                                                                                                                 |
| Ingredient Declaration | Silicon Dioxide (E551)                                                                                                                                                                                    |
| Flavour and Odour      | Odourless and tastles powder                                                                                                                                                                              |
| Appearance             | Transparent white to gray free flowing powder                                                                                                                                                             |
| Country of Origin      | UK                                                                                                                                                                                                        |

### PRODUCT PROFILE

|                           |                      |
|---------------------------|----------------------|
| Particle Size             | 9.0 – 15.0 µm        |
| Moisture %                | <13                  |
| Lead (Pb) mg/kg           | 5                    |
| Arsenic (As) mg/kg        | 3                    |
| Mercury (Hg) mg/kg        | 1                    |
| Pesticides & Heavy Metals | Meets EU Regulations |

### MICROBIOLOGICAL - MAXIMUM LEVELS ACCEPTED

|                 |                 |
|-----------------|-----------------|
| E Coli /g       | <100            |
| Salmonella /25g | Negative in 25g |

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### INTOLERANCE AND ALLERGEN INFORMATION

Please ensure you have read our Allergen Policy statement available [here](#). For further information about allergen handling by JustIngredients Limited and its suppliers, please read our online guide [here](#).

**Key: ✓ Indicates where a product is an allergen or where an allergen has intentionally been added to the final product.**

|                                                            |  |
|------------------------------------------------------------|--|
| Cereal/Wheat products                                      |  |
| Nut and nut products                                       |  |
| Peanuts and products thereof                               |  |
| Soybean and products thereof                               |  |
| Sesame seed and products thereof                           |  |
| Mustard and products thereof                               |  |
| Milk and Dairy Products                                    |  |
| Products containing Sulphur dioxide and sulphites >10mg/kg |  |
| Celery and products thereof                                |  |
| Molluscs (including squid and octopus)                     |  |
| Seafood and shellfish                                      |  |
| Egg products                                               |  |
| Fish and fish products                                     |  |
| Lupin (ie leguminous plants, lupin flour)                  |  |
| Colours                                                    |  |
| Flavourings                                                |  |
| Preservatives                                              |  |

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### ALLERGEN STATEMENT

JustIngredients Limited supplies a range of products that are internationally sourced from approved suppliers. Information is gathered from all suppliers to enhance knowledge of the product and supplier handling procedures.

The following products which are or may contain allergens are regularly handled by JustIngredients Limited and their approved suppliers. Handling procedures are in place to reduce the likelihood of allergens being present, but we cannot guarantee our ingredients are totally free of traces in the products supplied. If in doubt, please email [technical@justingredients.co.uk](mailto:technical@justingredients.co.uk).

- Cereals containing gluten (wheat, rye, barley, oats, spelt, kamut and their hybrid strains)
- Peanuts
- Soybeans
- Nuts
- Celery
- Mustard
- Milk and dairy products
- Sesame seeds
- Products containing sulphur dioxide and sulphites at concentrations of more than 10mg/kg or 10mg/litre expressed as sulphur dioxide.

### ADDITIONAL INFORMATION

**Key:** ✓ Indicates that the product is suitable or certified. For further details on the specific certifications of each product, please email [technical@justingredients.co.uk](mailto:technical@justingredients.co.uk).

|                       |   |
|-----------------------|---|
| Vegetarian (Suitable) | ✓ |
| Vegan (Suitable)      | ✓ |
| Organic (Certified)   |   |
| Kosher (Suitable)     | ✓ |

### STORAGE & SHELF LIFE

|            |                                                                                            |
|------------|--------------------------------------------------------------------------------------------|
| Shelf Life | Typical shelf life is 2 years.                                                             |
| Storage    | Store in cool dry conditions away from direct sunlight                                     |
| Labelling  | Product name, Weight. Batch/lot code. Best before date. Allergen information as applicable |

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### PESTICIDE STATEMENT

JustIngredients Limited do not knowingly supply material containing pesticide residues above the legal maximum residue levels (MRL's), Codex recommendation or at a level that could cause a food safety risk under the Food Safety Act. Suppliers risk assess the materials supplied to JustIngredients Limited and where a pesticide issue is considered a risk the supplier arranges applicable testing and issuing of results before the materials are accepted by JustIngredients Limited. Where pesticide residues are assessed as 'low risk' the supplier may carry out random testing.

All our Organic products are certified by the Soil Association. EU law defines the minimum standards for organic products that are produced, manufactured, imported into, sold or traded within the EU - in the Organic Regulation. In many areas, the Soil Association's standards are stricter and exceed these EU standards.

### HEALTH & SAFETY

A non-hazardous product if used under normal circumstances. Buyers of our products are aware that if our products are used for food use, **goods must be cooked thoroughly before use/consumption**. If you are unsure of the suitability of our product for your specific use, you should not use and seek further information from our technical team [technical@justingredients.co.uk](mailto:technical@justingredients.co.uk)

### HEAT TREATMENT

**This product has not been heat treated by the manufacturer.** Herbs and spices are naturally sourced agricultural products, which may contain naturally high microbiological flora. This product is not sterile. Where low levels of microorganisms are a specific requirement, then customers are advised to use raw materials which have undergone a method of heat treatment to reduce the microbial load. Buyers should seek further information from our technical team by emailing [technical@justingredients.co.uk](mailto:technical@justingredients.co.uk). JustIngredients Limited will not accept any responsibility for the incorrect application of products which result in final products being rejected. (See also 'Use in Production' clause below.)

### USE IN PRODUCTION

If the goods or any part thereof supplied under the contract are processed, altered or tampered with in any way by the buyer or receiver of the goods or any other person, the quality of the goods shall be deemed to be acceptable to the buyer. All customers' quality control checks are to be completed on the entire load prior to use in production or resale to 3<sup>rd</sup> parties in original state or as a blend.

### TERMS OF SALE

All sales are subject to our terms and conditions. You can view our full terms and conditions on our website for orders placed through our retail ([justingredients.co.uk](http://justingredients.co.uk)) and wholesale ([trade.justingredients.co.uk](http://trade.justingredients.co.uk)) websites as well as for offline orders placed directly with our customer service team. Please see: [www.justingredients.co.uk/ji-terms](http://www.justingredients.co.uk/ji-terms)

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For internal use only. Please contact [technical@justingredients.co.uk](mailto:technical@justingredients.co.uk) if you require a signed specification.

| For and on behalf of Supplier: JustIngredients Limited |                                                                                   | For and on behalf of Customer |
|--------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------|
| Signature:                                             |  |                               |
| Print Name:                                            | Jess Kenyon-May                                                                   |                               |
| Position:                                              | Technical & Compliance Coordinator                                                |                               |
| Company name:                                          | JustIngredients Limited                                                           |                               |
| Date:                                                  | 21/07/2023                                                                        |                               |