

Product Information

ZEOFREE® 5133

CAS NUMBER

1344-95-2

PRODUCT DESCRIPTION

ZEOFREE® 5133 is an hydrophilic precipitated milled Calcium Silicate.

It provides low dusting, anti-caking and free-flow properties for a broad variety of products and processes. It is particularly effective in promoting flow in process, preventing buildup on spray drier walls and in finished products such as salt and non-dairy creamers.

Typical Properties

Property	Unit	Value
Bulk Density	kg/m ³	200
Chemical Name		Calcium Silicate
Linseed Oil Absorption	ml/100 g	130
Loss on Drying	%	≤6.0
2 h at 105°C following ISO 787-2		
Particle Size	µm	11
d 50, laser diffraction following ISO 13320		
pH Value		10.0
5% in Water following ISO 787-9		

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

Food, feed

SAFETY

Information concerning the safety of this product is listed in the corresponding Safety Data Sheet, which will be sent with the first delivery or upon updating. Such information is also available from Evonik Operations, Product Safety Department, E-MAIL sdsim@evonik.com We recommend

to read carefully the safety data sheet prior to the use of our product.

PACKAGING

For details regarding our packaging options for this product, please contact your local sales representative.

STORAGE

Our silica products are inert and extremely stable chemically. However, due to their high specific surface area, they can absorb moisture and volatile organic compounds from the surrounding atmosphere. We therefore recommend storing the products in their original packaging (e.g. fully shrink-wrapped) or in sealed containers in a dry place away (or apart) from volatile organic substances. Even if a product is stored under these conditions, after a longer period it can still pick up ambient moisture over time, which could lead to its exceeding the specified moisture content. For this reason, our recommended use-by date is 36 months after date of manufacture. Product more than 36 months old should be tested for moisture content before use in order to make certain that it is still suitable for the intended application.

SHELF LIFE

3 years

Registration Listings

Registry	Status
Australia (AIIC)	Yes
Canada (DSL)	Yes
China (IECSC)	Yes
EU (REACH)	Yes
EU (EINECS/ELINCS)	Yes
Japan (ENCS)	not available
South Korea (KECL)	not available
New Zealand (NZIoC)	Yes

Registration Listings

Registry	Status
Philippines (PICCS)	Yes
Taiwan (TCSI)	Yes

Registration Listings

Registry	Status
USA (TSCA)	Yes

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third-party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

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