



PAVIQUA SAS  
1713, route de Robion  
84300 CAVAILLON  
FRANCE

Tel: +33 (0)4 86 69 63 72  
Fax: +33 (0)8 21 48 92 85  
Mail: [contact@fluotechnik.com](mailto:contact@fluotechnik.com)

Publication date: 05/11/2013  
Revision date: 08/02/2016

## Technical File FLUODUST

### 1 – PRODUCT DESCRIPTION

<b>Commercial name</b>	FLUODUST©
<b>Format</b>	Coloured or colourless powder
<b>Description</b>	UV-fluorescent powder, inert, highly volatile, recommended for use in tracing leaks in industrial filtration circuits and for simulating dust contamination.
<b>Composition</b>	Mix of substances that are inert under normal usage conditions.
<b>Recommendations</b>	To ensure the volatility properties of the powder are retained, avoid storing or using the powder at temperatures of $> 130^{\circ}\text{C}$ . Contact with powerful solvents may cause colouring.
<b>Safety data sheet reference</b>	MSDS FLUODUST© PINK
<b>Packaging</b>	2kg and 5 kg bucket, 250g pot
<b>Expiry date</b>	None, under normal storage conditions (Ambient temperature; packaging hermetically sealed)



## Technical File FLUODUST

### 2 – APPLICABLE USES AND INSTRUCTIONS

#### **Leak test for industrial dust filters**

On installing a new set of bag filters or pocket filters, or to locate leaks following the observation of increased dust emissions, we advise that a test is carried out using fluorescent powder.

The FLUODUST fluorescent powder used for this test is a coloured or colourless tracer which reacts to ultraviolet light (UV). Please contact us for further information on our UV inspection lamp.

With FLUODUST, the operation of the installation can be checked in several minutes, and any leaks can be detected and repaired by identifying the pipe to be replaced and the others to remain in operation.

Regular tests with FLUODUST on equipment that is already in use allows potentially defective pipes to be detected.

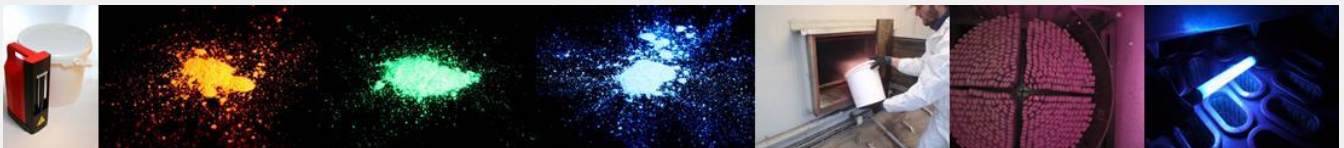
#### Instructions for use:

For 100m<sup>2</sup> of filter surface use a maximum of 1kg of FLUODUST powder

For more detailed instructions, please contact us.

FLUODUST is an excellent preventative tool for new installations, enabling them to be started up without any unexpected surprises.

FLUODUST is ENVIRONMENTALLY FRIENDLY, SIMPLE, QUICK AND EFFECTIVE!



#### **Contamination simulation**

Used for training in laboratories, hospitals and industrial sites, the FLUODUST range is an important teaching tool for representing and simulating contamination.

Ultraviolet light is a valuable means for raising awareness of contamination, basic hygiene, the correct application of protocols and of basic cleaning techniques.



**Technical File  
FLUODUST**

**3 – PHYSICAL CHARACTERISTICS**

Parameters	Units	Specification	Typical value
<b>Humidity</b>	%	< 1.5	
<b>Soluble salts (pH 7)</b>	%	< 1%	
<b>Granularity</b>			
<b>Particles &lt; 12.5µm</b>	%	>90%	92%
<b>Average diameter</b>	µm		3-4
<b>Tamped apparent density</b>	g / cm <sup>3</sup>		1.25

The guidelines contained in this brochure are provided for information purposes only, and are based on our latest knowledge.

It is the responsibility of the product user to determine the suitability of this product in terms of its formulation and conditions of use before using it on a larger scale.

This information does not in any way constitute a guarantee and we accept no responsibility for the information contained in this document.