

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)

**58700 Blanc Fixe**

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Version: 1

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## 1. Identification of the Substance/Mixture and of the Company/Undertaking

### 1.1. Product Identifier

*Product Name:* Blanc Fixe

*Article No.:* 58700

### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*

*Manufacture of pigments  
Manufacture of plastic goods  
Manufacture of paper  
Manufacture of batteries and accumulators  
Industrial manufacture of coatings and printing inks  
Manufacture of paints and coatings*

*Uses advised against:*

### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Interlabshop B.V.

*Address:* Lage Brink 23, 7317 BD Apeldoorn, The Netherlands

*Tel./Fax:* +3155-5215016

*Internet:* www.Labshop.nl

*EMail:* labshop@labshop.nl

*1.4. Importer: --  
Emergency No. --  
Emergency No.: --*

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## 2. Hazards Identification

### 2.1. Classification of the Substance or Mixture

*Classification according to Regulation  
(EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Classification according to Directive No.  
67/548/EC or No. 1999/45/EC*

*The material is not subject to classification according to EC lists.*

*Safety Phrases:*

*Possible Environmental Effects:*

### 2.2. Label Elements

*Classification according to Regulation  
(EC) No. 1272/2008 (CLP/GHS)*

*No classification required according to the CLP/GHS guidelines.*

*Hazard designation:*

*Not applicable.*

*Signal word:*

*Hazard designation:*

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*Safety designation:*

*Hazardous components for labelling:*

### 2.3. Other Hazards

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## 3. Composition/Information on Ingredients

### 3.1. Substance

### 3.2. Mixture

*Chemical Characterization:*

*Information on Components / Hazardous Ingredients:*

Barium sulphate, REACH Reg. No. 01-2119491274-35-0000

> 97 %

CAS-Nr: 7727-43-7

EINECS-Nr: 231-784-4

EC-Nr:

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*Additional information:*

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## 4. First Aid Measures

### 4.1. Description of the First Aid Measures

*General information:*

*Seek medical attention in case of complaints.*

*After inhalation:*

*Supply fresh air and keep patient calm.*

*After skin contact:*

*Wash off with plenty of water.*

*After eye contact:*

*Rinse open eyes with plenty of water for at least 15 minutes.*

*After ingestion:*

*After swallowing larger amount of product seek medical aid.*

*Never give anything by mouth to an unconscious person.*

### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

*Inhalation: can cause irritation of nose, throat and trachea.*

*Eye contact: may irritate the eyes.*

*Swallowing: may cause stomach irritation, nausea, vomiting and diarrhea.*

*Effects:*

### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

*In case of ingestion, contact physician immediately.*

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## 5. Fire-Fighting Measures

### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Use extinguishing media for surrounding fire.*

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*Product itself does not burn.*

*Unsuitable extinguishing media:*

### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*Product is not flammable.*

### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear self-contained respiratory protective device.*

*Further information:*

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## 6. Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Avoid formation of dust.*

*Wear protective clothing.*

### 6.2. Environmental Precautions

*Environmental precautions:*

*Prevent contamination of soil, drains and surface waters.*

### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Take up mechanically and collect in suitable containers for disposal. Avoid dust formation.*

### 6.4. Reference to other Sections

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## 7. Handling and Storage

### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Provide adequate ventilation.*

*Avoid formation of dust.*

*Hygienic measures:*

### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Store dry and in the original tightly sealed containers.*

*Requirements for storage areas and containers:*

*Suitable container material: paper, polyethylene.*

*Information on fire and explosion protection:*

*Storage class (VCI):*

*Further Information:*

### 7.3. Specific End Use(s)

*Further information:*

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### 8. Exposure Controls/Personal Protection

#### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*Barium sulphate: AGW: 1.25 mg/m<sup>3</sup> (airborne); 10 mg/m<sup>3</sup> (inhalable); 2(II)  
TWA-Value: 4 mg/m<sup>3</sup> air-borne fraction (general dust limit)  
TWA-Value: 1.5 mg/m<sup>3</sup> general dust limit (inhalable fraction).*

*Parameters to be controlled:*

*ACGIH Threshold Limit Values (USA): 10 mg/m<sup>3</sup>*

*Derived No-Effect Level (DNEL):*

*10 mg/m<sup>3</sup> (worker, inhalation, long-term exposition - local effects)  
Barium sulphate:  
10 mg/m<sup>3</sup> (consumer, inhalation, long-term exposition - systemic effects)  
13000 mg/kg bw/d (consumer, swallowing, chronic effects - systemic)*

*Predicted No-Effect Concentration (PNEC):*

*Barium sulphate:  
Fresh water: 115 µg/l  
Fresh water sediment: 600.4 mg/kg  
Soil: 207.7 mg/kg  
Sewage treatment system (STP): 62.2 mg/l*

*Additional Information:*

#### 8.2. Exposure Controls

*Technical protective measures:*

*Ensure adequate ventilation, especially in confined areas.*

*Personal Protection*

*General protective measures:*

*Keep away from foodstuffs and drinks. Do not eat, drink or smoke during work. Wash hands before breaks and at the end of work.*

*Respiratory protection:*

*If exposure limit is exceeded: Mask P3 (for solid and liquid particles DIN 3181).*

*Hand protection:*

*Protective gloves*

*Protective glove material:*

*Natural rubber (NR), polyvinyl chloride (PVC).*

*Eye protection:*

*Tightly fitting safety goggles (EN 166).*

*Body protection:*

*Protective suit with long sleeves.*

*Environmental precautions:*

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## 9. Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>powder</i>
<i>Color:</i>	<i>white</i>
<i>Odor:</i>	<i>odorless</i>
<i>Odor threshold:</i>	<i>not determined</i>
<i>pH-Value:</i>	<i>9 (20°C)</i>
<i>Melting temperature:</i>	<i>not applicable</i>
<i>Boiling temperature:</i>	<i>not applicable</i>
<i>Flash point:</i>	<i>not applicable</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>non-combustible</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not applicable</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>4.5 g/cm<sup>3</sup> (15°C)</i>
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not applicable</i>
<i>Auto-ignition temperature:</i>	<i>not applicable</i>
<i>Decomposition temperature:</i>	<i>&gt; 1600°C</i>
<i>Viscosity, dynamic:</i>	<i>not applicable</i>
<i>Explosive properties:</i>	<i>Product does not present an explosion hazard.</i>
<i>Oxidizing properties:</i>	

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*not oxidizing*

*Bulk density:* 600 - 1000 kg/m<sup>3</sup>

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:* 0.6 - 6.0 µm

*Other information:*

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## 10. Stability and Reactivity

### 10.1. Reactivity

*Stable if used according to specifications.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*Unknown.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Do not overheat.*

*Thermal decomposition:*

### 10.5. Incompatible Materials

*None known.*

### 10.6. Hazardous Decomposition Products

*Sulphur oxides, barium oxide.*

### 10.7. Further Information

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## 11. Toxicological Information

### 11.1. Information on Toxicological Effects

*Acute Toxicity*

*LD50, oral:* > 5000 mg/kg (rat)

*LD50, dermal:*

*No information available.*

*LC50, inhalation:*

*No information available.*

*Primary effects*

*Irritant effect on skin:*

*No information available*

*Irritant effect on eyes:*

*Non-irritating to eyes (rabbit)*

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*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No relevant data found.*

*Mutagenicity:*

*No relevant data found.*

*Reproductive toxicity:*

*No relevant data found.*

*Cancerogenity:*

*No relevant data found.*

*Teratogenicity:*

*No relevant data found.*

*Specific target organ toxicity (STOT):*

*No relevant data found.*

*Additional toxicological information:*

*Inhalation: Long-term overexposure can cause an overload of the lungs.*

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## 12. Ecological Information

### 12.1. Aquatic Toxicity

*The product is biologically inert.*

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

### 12.2. Persistency and Degradability

*Method is not applicable for inorganic substances.*

### 12.3. Bioaccumulation

*Bioaccumulation is not to be expected.*

### 12.4. Mobility

*Weak solubility and mobility.*

### 12.5. Results of PBT- und vPvP Assessment

*According to Annex VIII to Regulation (EC) No. 1907/2006 (REACH): not applicable for inorganic substances.*

### 12.6. Other Adverse Effects

*Water hazard class:*

*Not hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*AOX Value:*

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## 13. Disposal Considerations

### 13.1. Waste Treatment Methods

*Product:*

*Dispose of according to official national and local regulations.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Dispose of according to official local regulations.*

*Waste Code No.:*

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## 14. Transport Information

### 14.1. UN Number

*ADR, IMDG, IATA*

### 14.2. UN Proper Shipping Name

*ADR/RID:*

*No hazardous goods according to ADR (land transportation).*

*IMDG/IATA:*

*No hazardous goods according to IMDG.*

### 14.3. Transport Hazard Classes

*ADR Class:*

*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel restriction code:*

*IMDG Class (sea):*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*not applicable*

*Hazard no.:*

### 14.4. Packaging Group

*ADR/RID:*

*not applicable*

*IMDG:*

*IATA:*

### 14.5. Environmental Hazards

*Not classified as environmentally hazardous.*

### 14.6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

### 14.7. Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code

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*not applicable*

**14. 8. Further Information**

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**15. Regulatory Information**

**15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture**

*Water hazard class:*

*0, not hazardous (German Regulation)*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*Restriction and prohibition of application:*

*Technical instructions on air quality:*

**15. 2. Chemical Safety Assessment**

*A Chemical Safety Assessment is not necessary for this product.*

**15. 3. Further Information**

*Listed in:*

*EINECS (EU), TSCA (US), AICS (AUS), DSL (CA), ENCS (JP),  
KECI (KR), PICCS (PH), IECSC (CN), NZIoC (NZ)*

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**16. Other Information**

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*