

## MATERIALS SAFETY DATA SHEET FOR CHALK REFILL, PROFESSIONAL BLUE

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

**Preparation:** CHALK FLASK BLUE.

**Adress:** ZENTEN BERNHARD GROTEN, S.L.  
SOROXARTA, 20 C  
E-20300 IRUN / SPAIN  
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### 2. COMPOSITION / INFORMATION ON INGREDIENTES

**Appearance:** Fine blue powder.

**Composition:** 90,20 % calcium-carbonate  
8,45 % inorganic blue colouring pigment *Ultramar Nubiola DP-55*  
0,30 % organic blue colouring pigment *Chromfine CV-999-A*  
0,05 % organic red colouring pigment *Escarlata RNC 35-40049 KN*  
1,00 % oil *Lacerta FM*

### 3. HAZARDS IDENTIFICATION

This product is not classified as hazardous to health under EC legislation.

### 4. FIRST AID MEASURES

**Ingestion:** Rinse mouth. Obtain medical advice.

**Inhalation:** Remove from source of exposure. If symptoms occur, remove to fresh air. If the patient stopped breathing, administer artificial breathing.  
Keep the patient in whatever position is most comfortable, and obtain medical attention without delay.

**Skin contact:** Rinse, wash with soap and water. If redness or irritation develops, obtain medical advice.  
Take off the clothes and the contaminated shoes.

**Eye contact:** Rinse with plenty of water for several minutes. If contact lenses are worn, remove them! If discomfort persists, obtain medical advice.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Any can be used.

**Hazardous combustion products:** None.

**Special protective equipment for fire-fighters:** Use full protective clothes and respiratory system.

**Additional Information:** Standard procedure for chemical fires

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**6. ACCIDENTAL RELEASE MEASURES**

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<b>Cleaning methods:</b>	Immediately pick up with vacuum cleaner. Avoid making dust airborne before sweeping up or, by use of a vacuum cleaner fitted with a suitable filter. Liquid detergents should be avoided, as you run the risk of getting the chalk deeper into the surface.
<b>Personal precautions:</b>	If the clean-up be achieved without generating dust, those people in the operation should wear dust masks.
<b>Environmental protection:</b>	Contain the spilled material for disposal in accordance to the local regulations.

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**7. HANDLING AND STORAGE**

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<b>Handling precautions:</b>	Avoid unnecessary production of dust. Good workplace hygiene measures will normally suffice.
<b>Storage conditions:</b>	Store in a closed container in a dry place separate from acids.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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<b>Respiratory protection:</b>	When a person is exposed to concentrations exceeding the limits of exposure, should wear an appropriate certified mask. Safety masks are recommended when the concentration of dust is superior to 10mg/m <sup>3</sup> .
<b>Hand protection:</b>	Normally not required but lightweight gloves may be worn if desired as a hygienic measure.
<b>Eye protection:</b>	Normally not required but safety glasses will reduce the risk of rubbing into the eye.
<b>Skin protection:</b>	Normal workplace clothing will suffice.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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<b>Appearance:</b>	Fine blue powder.
<b>Odour:</b>	Odourless.
<b>Flammability:</b>	Not a flammable solid. Not combustible.
<b>Explosive properties:</b>	Not explosive.
<b>Oxidising properties:</b>	Not an oxidising agent.
<b>Relative density:</b>	2,7 (approx) → water = 1
<b>Solubility:</b>	Negligible.

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**10. STABILITY AND REACTIVITY**

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- Conditions to avoid:** Dampness, discharge.
- Materials to avoid:** Acids, oxidizing agents.
- Hazardous decomposition products:** Produces carbon dioxide on reaction with acids.

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**11. TOXICOLOGICAL INFORMATION**

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- Ingestion:** Does not classify as irritant or harmful by ingestion.
- Inhalation:** Does not classify as a respiratory irritant or sensitizer. Excessive exposure to any dust can cause sneezing and dryness of the respiratory tract, and may cause coughing and shortness of breath in some people.
- Skin:** Does not classify as irritating to the skin.
- Eyes:** Does not classify as irritating to the eye.

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**12. ECOLOGICAL INFORMATION**

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No harmful effects on the environment in appropriate use.

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**13. DISPOSAL CONSIDERATIONS**

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- Contents:** Dispose as non-dangerous waste according to local and national legislation.
- Contaminated packaging:** Dispose according to local and national legislation.

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**14. TRANSPORT INFORMATION**

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Not classify as "Dangerous" for transport according to UN transport Recommendations.

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**15. REGULATORY INFORMATION**

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Not classify as "Dangerous" by the criteria of European Community Directive 93/21/EEC which sets out a revised Annex VI to the Dangerous Substances Directive 67/548/EEC and is the basis of the Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 in the UK.

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**16. OTHER INFORMATION**

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While the product does not classify as "Dangerous", this Safety Data Sheet has been prepared in order to assist users to perform their own assessment of the requirements for safe handling under the control of substances hazardous to Health Regulations and similar legislation.

The information provided in this Safety Data Sheet is the most complete we can offer to the date of publication. We can not accept liability for loss, injury or damage which may result from it use.

The information provided is conceived only as a guide for the safe handling, use, processing, storage, transportation and disposal and should not be considered as a warranty or quality specification.

The information refers only to the material specified, and can not be valid for such material, used in combination with other materials or in any process, unless indicated in the text.