

**MATERIAL SAFETY DATA SHEET****NIVELIN D**Page 1/4  
Date of issue  
Feb. 10, 2009

Version 05

**1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY****Product name:** NIVELIN D**Product description:** Decorative ready-mixed lime-cement based renders.**Producer:** JUB chemical industry  
Dol pri Ljubljani 28  
1262 Dol pri Ljubljani  
Slovenia  
Phone: +386 1 58 84 183  
Fax.: +386 1 58 84 250  
E-mail: [info@jub.si](mailto:info@jub.si)  
Internet: [www.jub.eu](http://www.jub.eu)**Emergency / information contact:** TRC-JUB (Technological Research Centre JUB)  
Phone: + 386 1 58 84 185  
Fax.: + 386 1 58 84 227  
E-mail: [info@trc-jub.si](mailto:info@trc-jub.si)**2. HAZARDS IDENTIFICATION****Human health hazards:** Fresh mortar is alkaline. Irritating to eyes and skin. Risk of serious damage to eyes.**Environmental hazards.** No classification according to EC- directives.**3. COMPOSITION/INFORMATION ON INGREDIENTS****Composition:** Cement, lime, organic additives and mineral aggregates.

Hazardous ingredients	Wt.-%	CAS-No. EC-No. INDEX-No.	Danger symbol	Risk phrases
White Cement	2,5 - 10	65997-15-1 266-043-4 -	Xi	36/38-41
Calcium hydroxide	10 - 25	1305-62-0 215-137-3 -	Xi	36/38-41

#### 4. FIRST AID MEASURES

<b>Inhalation</b>	/
<b>Skin contact</b>	Wash skin with water.
<b>Eyes contact</b>	Flush eyes with water for 10 to 15 minutes, if necessary get medical attention.
<b>Ingestion</b>	Rinse mouth, several times drink small amount of water, obtain medical attention immediately.

#### 5. FIRE-FIGHTING MEASURES

**Extinguishing media. /**  
**Fire fighting procedures. /**

#### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions.** Prevent formation of dust.

**Environmental precautions.** Do not empty into drains or water.

**Cleaning / Disposal.** Contain dry powder spills mechanically (dry).

#### 7. HANDLING AND STORAGE

**Handling.** Transport the product in closed bags. Fresh mortar is alkaline, protect eyes.

**Storage.** Keep in dry place, protect from moisture. Do not store together with acids.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Respiratory protection.** Under very dusty conditions use nose and mouth gauze filter

**Hand and body protection.** Repeated or prolonged skin contact: use protective hand cream. Wear suitable protective clothing.

**Eye protection.** Prevent eyes contact with product dust and fresh mortar.

**Hygiene measures.** Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	powder
<b>Colour:</b>	off-white
<b>Odour:</b>	odourless
<b>pH:</b>	11,5 - 13/20°C (fresh mortar)
<b>Boiling point / range:</b>	n. a.
<b>Flash point:</b>	n. a.
<b>Autoignition temperature:</b>	n. a.
<b>Bulk density:</b>	1030 – 1170 kg/m <sup>3</sup> /20°C
<b>Viscosity:</b>	n. a.
<b>Explosion limits:</b>	n. a.
<b>Vapour pressure:</b>	n. a.
<b>Solubility in water:</b>	app. 1,5 g/l/20°C for cement app. 1,7g/l/20°C for calcium hydroxide
<b>Solids content:</b>	n. a.

## 10. STABILITY AND REACTIVITY

The product is stable under normal conditions of storage and handling. Dangerous reactions and dangerous decomposition products are not known. Do not store together with acids.

## 11. TOXICOLOGICAL INFORMATION

Not defined. **The fully cured product is not health hazardous.** The information shown in SECTION 2 and 3 is based on toxicity profiles for a number of cement based renders that are compositionally similar to this product.

## 12. ECOLOGICAL INFORMATION

Not defined. Prevent product from reaching sewage or aquatic environment (higher pH value of water).

## 13. DISPOSAL CONSIDERATIONS

Treat hardened mortar compound as a construction waste:**EWC: 17 09 04.**

Packaging **EWC 15 01 01:** Packaging may be recycled after appropriate cleaning.

## 14. TRANSPORT INFORMATION

**ADR/RID:** not classified

**IMDG:** not classified

## 15. REGULATORY INFORMATION

### Danger symbol:

**Xi**, IRRITANT, contains cement and lime.

**R- Phrases:** R 36/38 Irritating to eyes and skin.  
R 41 Risk of serious damage to eyes.

**S- Phrases:** S 2 Keep out of reach of children.  
S 24/25 Avoid contact with skin and eyes.  
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 28 After contact with skin, wash immediately with plenty of water.  
S 37/39 Wear suitable gloves and eye/face protection

## 16. OTHER INFORMATION

### Explanation to R-phrases in section 2

R 36/38 Irritating to eyes and skin..  
R 41 Risk of serious damage to eyes.

This MSDS is issued in accordance with the EU Regulation 1907/2006/EC concerning REACH. The classification and labelling of the preparation are made according to the EU Directive 1999/45/EC as well as the international transport regulation is being considered.

**This cement based product is Chromate reduced in accordance with EU directives 76/769/EEC and 2003/53/EC.**

The information contained herein relates only to the specific product identified. The information given is designed only as a guidance for safe handling, use, storage, transportation, disposal and release and is not to be considered a warranty or guarantee or quality specification. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

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**This MSDS has been revised in sections: 1, 2, 3, 13 and 16.**