

**MATERIAL SAFETY DATA SHEET****DENIKOL****Page 1/4**
Date of issue
Feb. 10, 2009**Version 04****1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY****Product name:** DENIKOL**Product description:** Lime-based block sealer.**Producer:** JUB chemical industry
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E-mail: info@trc-jub.si**2. HAZARDS IDENTIFICATION****Human health hazards:** 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:** Lime, extenders, special additives.

Hazardous ingredients	Wt.-%	CAS-No. EC-No. INDEX-No.	Danger symbol	Risk phrases
Calcium hydroxide	25 - 50	1305-62-0 215-137-3 -	Xi	36 - 38

4. FIRST AID MEASURES

Inhalation	/
Skin contact	Wash skin with water.
Eyes contact	Flush eyes with water for 10 to 15 minutes, if necessary get medical attention.
Ingestion	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. Consider instructions for safe work (see SECTION 7 and 8).
Environmental precautions. Do not empty into drains or water.
Cleaning / Disposal. Absorb or contain liquid with sand, earth or spill control material. Shovel up and place in a labelled container for subsequent safe disposal. We suggest mixing the paint residue with cement. After hardening deposit as waste building material in landfill in accordance with national regulations.

7. HANDLING AND STORAGE

Handling. By skilled use no special measures are requested. Irritating to eyes and skin.
Storage. Keep at room temperature away from acids. Keep from freezing. Keep out of reach of children. Keep away from food.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection. When spraying use an approved respirator.
Hand and body protection. Repeated or prolonged skin contact: use protective hand cream. Gloves should be worn by prolonged direct contact. Wear suitable protective clothing.
Eye protection. Use splash goggles when eye contact may occur.
Hygiene measures. Wash hands before breaks and immediately after handling the product. When using do not eat and drink.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	liquid
Colour:	off-white
Odour:	specific
pH:	11,0 – 13,7/20°C
Boiling point / range:	app. 100°C
Flash point:	n. a.
Autoignition temperature:	n. a.
Density:	1,10 – 1,20 kg/dm ³ /20°C
Viscosity:	tixotropic
Explosion limits:	n. a.
Vapour pressure:	n. a.
Solubility in water:	app. 1,7g/l/20°C for calcium hydroxide
Solids content:	26 – 34 wt. %

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

Basis for assessment. Information given is based on data on the components and the toxicology of similar products. **The fully cured product is not health hazardous.**

Acute toxicity:

Calcium hydroxide (CAS No. 1305-62-0)

Oral(rat): LD₅₀: 7340 mg/kg

Primary irritation effects:

Eyes: irritating

Skin: irritating

12. ECOLOGICAL INFORMATION

Basis for assessment. Incomplete ecotoxicological data are available. The information given below is based partly on a knowledge of the components and the ecotoxicology of similar products.

Prevent product from reaching sewage or aquatic environment (higher pH value of water).

13. DISPOSAL CONSIDERATIONS

Liquid waste:

EWC: 08 01 19*. Liquid waste must not be disposed together with domestic wastes, poured into water or sewage system. After hardening deposit as waste building material (**EWC: 17 09 04**) or municipal waste (**EWC: 08 01 12**) in accordance with national regulations

Packaging **EWC 15 01 02**: 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 calcium hydroxide

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.

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.

Date of the 1st preparation: May 15, 2000

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