



## JUBOSIL FX

Version 05

**1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY**

|   |   |
|---|---|
| <b>Product name:</b>                    | <b>JUBOSIL FX</b>   |
| <b>Product description:</b>             | Water-based silicate coatings.  |
| <b>Producer:</b>                        | <b>JUB chemical industry</b><br>Dol pri Ljubljani 28<br>1262 Dol pri Ljubljani<br>Slovenia<br>Phone: +386 1 58 84 183<br>Fax.: +386 1 58 84 250<br>E-mail: <a href="mailto:info@jub.si">info@jub.si</a><br>Internet: <a href="http://www.jub.eu">www.jub.eu</a> |
| <b>Emergency / information contact:</b> | TRC-JUB (Technological Research Centre JUB)<br>Phone: + 386 1 58 84 185<br>Fax.: + 386 1 58 84 227<br>E-mail: <a href="mailto:info@trc-jub.si">info@trc-jub.si</a>  |

**2. HAZARDS IDENTIFICATION**

**Human health hazards.** The product is alkaline. Irritating to eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water.

**Environmental hazards.** No classification according to EC- directives.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

|                          |   |
|--------------------------|---|
| 1. Composition           | Water based silicate (potassium water glass) and acrylic binders, extenders, pigments, special additives.   |
| 2. Hazardous ingredients | Potassium water glass (CAS 1312-76-1):<br>Solids content < 40%, molar ratio > 3,2.<br><br>This product is classified as not hazardous according to EC-directives EU 1999/45/EC. |

#### 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 with water, drink plenty 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.  
**Storage.** Protect material from direct sunlight. Keep at room temperature away from strong 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.  
**Eye protection.** Use splash goggles when eye contact may occur.

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                  |                                     |
|----------------------------------|-------------------------------------|
| <b>Appearance:</b>               | liquid                              |
| <b>Colour:</b>                   | white, colour shades                |
| <b>Odour:</b>                    | specific                            |
| <b>pH:</b>                       | 10,0 – 11,5/20°C                    |
| <b>Boiling point / range:</b>    | app. 100°C                          |
| <b>Flash point:</b>              | n. a.                               |
| <b>Autoignition temperature:</b> | n. a.                               |
| <b>Density:</b>                  | 1,40– 1,45 kg/dm <sup>3</sup> /20°C |
| <b>Viscosity:</b>                | tixotropic                          |
| <b>Explosion limits:</b>         | n. a.                               |
| <b>Vapour pressure:</b>          | n. a.                               |
| <b>Solubility in water:</b>      | miscible with water                 |
| <b>Solids content:</b>           | 51 – 55 %                           |

## 10. STABILITY AND REACTIVITY

The product is stable under normal conditions of storage and handling. Dangerous reactions and dangerous decomposition products are not known. Avoid contact with strong acids.

## 11. TOXICOLOGICAL INFORMATION

**Basis for assessment.** Information given is based on data on the components and the toxicology of similar products. This product is classified as not hazardous according to EC – directives 88 / 379 / EEC. The fully cured product is not health hazardous.

## 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.

### 13. DISPOSAL CONSIDERATIONS

Liquid waste: **EWC: 08 01 12.** Disposal according to the local legislation. Liquid waste must not be disposed together with domestic wastes, poured into water or in sewage system.  
After hardening deposit as a construction waste: **EWC: 17 09 04.**

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:** not required

**R- Phrases:** not required

**S- Phrases:** not required

The product is alkaline. Irritating to eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water.

Protect glass, metal, ceramic, stone and enamel surfaces.

### 16. OTHER INFORMATION

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 1<sup>st</sup> preparation: August 06, 2001

Date of previous issue: February 5, 2008

Date of revision (version 05): February 10, 2009

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