

MATERIAL SAFETY DATA SHEET “KRISTAL BLU”**1) IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY**

Commercial name: Kristal Blu - Blue Shield
Product use: the crystal shield for polished tiles and Granites
COMPANY IDENTIFICATION: **KLINDEX srl**
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2) COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Percent (by weight)	CAS No.	EINECS
Silica	13%	14808-60-7	238-879-4
FEVE	3.8%	N/A	N/A
Oxalic Acid	2.2%	144-62-7	205-634-3
Water	81%	7732-18-5	231-791-2

3) HAZARDS IDENTIFICATION

Irritate the eyes and the skin.

4) FIRST AID MEASURES

CONTACT WITH SKIN: Wash immediately with plenty of water for about 15 minutes. Consult with doctor immediately.

INHALATION: Move the patient to fresh air. If he has irregular and discontinued breathing, consult with doctor.

CONTACT WITH EYES: Rinse immediately with plenty of water at least for 15 minutes. Consult with doctor immediately.

INGESTION: Induce the patient vomit only if instructed. Consult with doctor immediately. Do not give any medicine through way of mouth if the patient is unconscious and if not authorized by doctor.

5) FIRE-FIGHTING MEASURE

For information regarding environmental risks, health, breathing ways protection, ventilation, individual means of protection, see other sections of this sheet.

Means of extinguishing: Use CO₂, foam, water and chemical powder.

Equipment: Wear complete equipment with a visor helmet and protection for the neck, aqualung acted by pressure button or by demand, jacket and trousers ignifugo, with bands around the arms, legs and waist.

6) ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear gloves and protective clothing.

Environmental Precautions: Extinguish the sources of lighting or heat; cover the leaking absorbing material; pick up the flowed material and get rid of the remaining products with jets of water.

For more information regarding the environmental and the health risks, the breathing tract protection, the ventilation and the individual means of protection, see other sections of this sheet.

Spreading into water: Remove the product from the surface with a non-burning pomp either manual or with suitable absorbing material. If legally allowed, in open water you can resort to the sinking and/or to the

dispelling of the product with suitable substances.

Methods for cleaning up: If in liquid form, prevent from flowing into drainage system. Pick the product to reuse, if possible, or for elimination. Eventually, absorbing with inert material. After picking, wash the area and materials involved.

7) HANDLING AND STORAGE

Advice on Handling: Avoid contact and inhalation of vapor. See also next paragraph 8. During work, do not eat or drink. For more information on the environmental and health risks, let alone on the individual means of protection, see other sections of this sheet.

Storage Conditions: Keep in dry and ventilated rooms. Ensure good ventilation and change of air in the working area. Keep always containers closed when not used.

Requirements for storage rooms: Appropriate aired.

8) EXPOSURE CONTROLS/ PERSONAL PROTECTION

To control the exposure, follow the common rules of industrial hygiens using the appropriate individual means of protection such as:

A mask is suitable for the nature of the product, glasses, and gloves and overall. Do not eat or smoke in the working place; wash hands with water and soap before each meal and at the end of each shift. If the product is not included in the DPR 303/56, sanitary check is nevertheless advisable with the modality and frequency of the doctor responsible. This is also referred in the section 15. Protect eyes by security glasses. Wear gloves and clothes with long cotton sleeves.

When using it on unknown stones, make sure to assay the product before beginning the procedure.

9) PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form:	Liquid
Colour:	White
Odour:	Slightly odor
Active Substance:	Approx. 36%
pH:	2.45
Specific Weight:	1, 110
Inflammability:	No
Safety Warning:	Use gloves and protective helmet – do not eat, do not smoke. If any part comes in contact with the product, rinse it well with water.
Label:	It contains anionic and non-ionic surface-active agents that are over 90% biodegradable.
Density:	1.10+0.01
Solubility:	Emulsionable

10) STABILITY AND REACTIVITY

The product is stable at normal condition of use and stocking. For effect of heat or in case of fire, carbon monoxide and vapours that can be dangerous to the health.

11) TOXICOLOGICAL INFORMATION

The contact with the eyes causes irritation.

The symptoms can be: reddening, oedema, pain and tearing.

The inhalation of vapours causes irritation of the inferior and superior breathing tract with cough and difficulty breathing; on a higher concentration even pulmonary aedema.

For the contact with the skin you can have irritation with a rash, oedema, drying and chapping of the skin.

For ingestion, hardly unlikely can give abdominal pain with heartburn, nausea and vomit.

12) ECOLOGICAL INFORMATION

Mobility:	Not concerned.
Degradability:	Not concerned.
BIOS-accumulation:	Not concerned.

Environmental-toxicity: Not concerned.

13) DISPOSAL CONSIDERATIONS

Dispose to be performed in compliance with regulations. Non-unusual precaution necessary if direct on natural media dilute in water to counteract cleaning ability.

14) TRANSPORT INFORMATION

No Classified.

15) REGULATORY INFORMATION

R36/38 IRRITABLE FOR THE EYES AND SKIN.

16) OTHER INFORMATION

No indication to point out.

The information contained herein is based on our present state of knowledge on the aforementioned date. User is bound to ensure himself of suitability and completeness of this information according to the specific use. These safety data sheets cancelled and replace every previous edition.