

# SAFETY DATA SHEET

according to the (US) Hazard Communication Standard (29 CFR 1910.1200)

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## Q-FLASH sp (L)

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### ***SECTION 1: Identification of the substance/mixture and of the company/undertaking***

#### **1.1. Product identifier**

**Product name** Q-FLASH sp (L)

**Product code** None.

#### **1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Use of the Substance/Mixture** Construction.  
Additive for the production of concrete

#### **1.3. Details of the supplier of the safety data sheet**

**Company/Undertaking Identification** Concretum Construction Science AG  
Breitloostrasse 7  
8154 Oberglatt  
Switzerland  
Phone: +41 44 445 13 46  
info@concretum.com

**1.4. Emergency telephone number** 145 (Tox Info Suisse)  
International: +41 44 251 51 51  
Concretum Construction Science AG: +41 44 445 13 46 (08:00 - 16:00)  
www.concretum.com

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## **SECTION 2: Hazards identification**

### **2.1. Classification of the substance or mixture**

**according to the Globally Harmonized System**

The substance or mixture is not classified.

**Additional information**

For the full text of the phrases mentioned in this Section, see Section 16.

### **2.2. Label elements**

**Signal Word**

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**Hazard Statements**

None.

**Precautionary statements**

None.

**Supplemental information**

None.

**Product identifier**

Not required.

### **2.3. Other hazards**

None known.

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## **SECTION 3: Composition/information on ingredients**

### **3.2. Mixtures**

Not classified. The product contains no substances, in the present form or concentration that results in any classification according to the current legislation.

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For the full text of the phrases mentioned in this Section, see Section 16.

**Hazardous impurities**

None known.

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## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

**Inhalation**

No special measures required.

**Skin contact**

Wash with water and soap as a precaution. If skin irritation persists, call a physician.

**Eye contact**

Rinse thoroughly with plenty of water, also under the eyelids. If easy to do, remove contact lens, if worn. If eye irritation persists, consult a specialist.

**Ingestion**

Clean mouth with water and drink afterwards plenty of water. If symptoms persist, call a physician.

**4.2. Most important symptoms and effects, both acute and delayed** The product contains no substances known to be hazardous to health in concentrations which need to be taken into account.

**4.3. Indication of any immediate medical attention and special treatment needed** None known.

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## ***SECTION 5: Firefighting measures***

### **5.1. Extinguishing media**

**Suitable extinguishing media** Use water spray, alcohol-resistant foam, dry extinguishing agent or carbon dioxide.

**Unsuitable extinguishing media** High volume water jet.

**5.2. Special hazards arising from the substance or mixture** Burning produces obnoxious and toxic fumes. In the event of fire and/or explosion do not breathe fumes.

### **5.3. Advice for firefighters**

**Special protective equipment for firefighters** Standard procedure for chemical fires.

**Specific methods** No special measures required.

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## ***SECTION 6: Accidental release measures***

### **6.1. Personal precautions, protective equipment and emergency procedures**

**For non-emergency personnel** No special measures required.

**For emergency responders** No special measures required.

**6.2. Environmental precautions** No special environmental precautions required.

**6.3. Methods and material for containment and cleaning up** Clean up promptly by sweeping or vacuum. After cleaning, flush away traces with water.

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## ***SECTION 7: Handling and storage***

**7.1. Precautions for safe handling** No special technical protective measures required. When using, do not eat, drink or smoke. Wash hands and exposed skin before eating, drinking or smoking and after work.

**7.2. Conditions for safe storage, including any incompatibilities** Store at room temperature in the original container.

**7.3. Specific end use(s)** Additive for the production of concrete

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## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

**Exposure limit(s)** No data is available on the product itself.

### **8.2. Exposure controls**

**Appropriate engineering controls** General industrial hygiene practice. Regular cleaning of equipment, work area and clothing.

#### **Personal protection equipment**

*Respiratory protection* Do not breathe dust or spray mist. Do not inhale aerosol. In case of good ventilation no personal respiratory protective equipment required.

*Hand protection* PVC disposable gloves

*Eye protection* Avoid contact with eyes.

*Skin and body protection* No special measures required.

*Thermal hazards* No special measures required.

**Environmental exposure controls** Avoid release to the environment.

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## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid.
<b>Colour</b>	Yellow.
<b>Odour</b>	Characteristic.
<b>Melting point/ freezing point:</b>	Not determined.
<b>Boiling point or initial boiling point / range:</b>	Not determined.
<b>Flammability:</b>	Not determined.
<b>Lower and upper explosion limit:</b>	Not determined.
<b>Flash point:</b>	Not determined.
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH:</b>	0.5 - 2.5 (20 °C)
<b>Kinematic viscosity:</b>	Not determined.
<b>Solubility:</b>	completely miscible (Water)
<b>Partition coefficient n-octanol/water (log value):</b>	Not determined.
<b>Vapour pressure:</b>	Not determined.
<b>Density and/or relative density:</b>	1.115 - 1.155 (20 °C)
<b>Relative vapour density:</b>	Not determined.
<b>Particle characteristics:</b>	Not applicable.

## 9.2. Other information

9.2.1 Information with regard to physical hazard classes	No information available.
9.2.2 Other safety characteristics	No information available.

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## **SECTION 10: Stability and reactivity**

10.1. Reactivity	Stable at normal conditions.
10.2. Chemical stability	No decomposition if used as directed. Stable under recommended storage conditions.
10.3. Possibility of hazardous reactions	None known.
10.4. Conditions to avoid	Vapours in contact with fire or red-hot surfaces may form decomposition products with highly irritating and warning effects. Extremes of temperature and direct sunlight.
10.5. Incompatible materials	Strong oxidizing agents. Strong acids and strong bases.
10.6. Hazardous decomposition products	None under normal use.

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## **SECTION 11: Toxicological information**

### 11.1. Information on toxicological effects

Acute toxicity	Based on available data, the classification criteria are not met. No data is available on the product itself.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	Based on available data, the classification criteria are not met.
Specific target organ toxicity - Single exposure	Based on available data, the classification criteria are not met.
Specific target organ toxicity - Repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

**Human experience** This product has no known adverse effect on human health.

#### 11.2. Information on other hazards

**Endocrine disrupting properties** Contains no endocrine disrupting chemicals.

**Other information** No data available.

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### ***SECTION 12: Ecological information***

**12.1. Toxicity** Based on available data, the classification criteria are not met.

**12.2. Persistence and degradability** No data available.

**12.3. Bioaccumulative potential** Bioaccumulation is unlikely.

**12.4. Mobility in soil** No data available.

**12.5. Results of PBT and vPvB assessment** This mixture does not contain any substances classified as PBT, vPvB or endocrine disruptors at a concentration above 0.1%.

**12.6. Endocrine disrupting properties** Contains no endocrine disrupting chemicals.

**12.7. Other adverse effects** No information available.

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### ***SECTION 13: Disposal considerations***

#### 13.1. Waste treatment methods

**Waste from residues / unused products** Dispose of in accordance with local regulations.

**Contaminated packaging** Offer rinsed packaging material to local recycling facilities.

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### ***SECTION 14: Transport information***

**14.1. UN number or ID number** Not applicable.

**14.2. UN proper shipping name** Not applicable.

**14.3. Transport hazard class(es)** Not applicable.

**14.4. Packing group** Not applicable.

**14.5. Environmental hazards** Not applicable.

<b>14.6. Special precautions for user</b>	Not applicable.
<b>14.7. Maritime transport in bulk according to IMO instruments</b>	Not applicable.
<b>UN Model Regulations</b>	
<b>ADR/RID</b>	Not regulated.
<b>IMDG</b>	Not regulated.
<b>IATA</b>	Not regulated.
<b>Further Information</b>	Not classified as dangerous in the meaning of transport regulations.

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## ***SECTION 15: Regulatory information***

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

<b>Regulatory Information</b>	None.
<b>15.2. Chemical safety assessment</b>	Not required.

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## ***SECTION 16: Other information***

<b>Key or legend to abbreviations and acronyms</b>	CLP: Classification according to Regulation (EC) No. 1272/2008 (GHS) MAK: Occupational exposure limit. OECD: Organisation for Economic Co-operation and Development OEL: Occupational Exposure Limits for Hazardous Agents in the Workplace STEL: Short Term Exposure Limit TLV: Threshold limit value TWA: time weighted average VOC: Volatile organic compounds (VOC) content WEL: workplace exposure limit
<b>Key literature references and sources for data</b>	According to information supplied by the manufacturer.
<b>Classification procedure</b>	Calculation method .
<b>Full text of phrases referred to under sections 2 and 3</b>	None.
<b>Further information</b>	Not relevant. Conversion °C=>°F: °F = (°C * 1.8) + 32

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.