



## SAFETY DATA SHEET

### Blue Hawk Quick Set Cement

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

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

##### 1.1. Product identifier

**Product name** Blue Hawk Quick Set Cement

**Container size** 2.5kg/5kg/10kg

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

**Identified uses** Cement.

**Uses advised against** No specific uses advised against are identified.

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

**Supplier** Artex Ltd  
 Pasture Lane  
 Ruddington  
 Nottingham  
 Nottinghamshire  
 NG11 6AE  
 Tel: +44 (0)115 9845679  
 Fax: +44 (0)115 9405240  
 ArtexTechnical@saint-gobain.com

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 800 032 6345 (9am - 5pm, Monday to Friday)

#### SECTION 2: Hazards identification

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

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified

**Health hazards** Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335

**Environmental hazards** Not Classified

##### 2.2. Label elements

###### Hazard pictograms



**Signal word** Danger

**Hazard statements** H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H318 Causes serious eye damage.  
 H335 May cause respiratory irritation.

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<b>Precautionary statements</b>	<p>P102 Keep out of reach of children.</p> <p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P280 Wear protective gloves, eye and face protection.</p> <p>P302+P352 IF ON SKIN: Wash with plenty of water.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a doctor.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
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**Contains** Portland cement, Calcium Oxide

<b>Supplementary precautionary statements</b>	<p>P261 Avoid breathing dust.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P272 Contaminated work clothing should not be allowed out of the workplace.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.</p> <p>P362+P364 Take off contaminated clothing and wash it before reuse.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p>
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### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Portland cement</b>	<b>50 - 100%</b>
CAS number: 65997-15-1                      EC number: 266-043-4	
<b>Classification</b>	
Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1B - H317 STOT SE 3 - H335	
<b>Quartz (SiO<sub>2</sub>)</b>	<b>25 - &lt;50%</b>
CAS number: 14808-60-7                      EC number: 238-878-4	
Substance with National workplace exposure limits.	
<b>Classification</b>	
Not Classified	
<b>Aluminium oxide</b>	<b>2.5 - &lt;3%</b>
CAS number: 1344-28-1                      EC number: 215-691-6	REACH registration number: 01-2119529248-35-XXXX
Substance with National workplace exposure limits.	
<b>Classification</b>	
Not Classified	

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<b>Calcium Oxide</b>	<b>1 - &lt;2.5%</b>
CAS number: 1305-78-8	EC number: 215-138-9
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318 STOT SE 3 - H335	
<b>Diiron trioxide</b>	<b>0.25 - &lt;0.5%</b>
CAS number: 1309-37-1	EC number: 215-168-2
Substance with National workplace exposure limits.	
<b>Classification</b> Not Classified	
<b>Magnesium oxide</b>	<b>0.025 - &lt;0.25%</b>
CAS number: 1309-48-4	EC number: 215-171-9
Substance with National workplace exposure limits.	
<b>Classification</b> Not Classified	
<b>Titanium dioxide</b>	<b>0.025 - &lt;0.25%</b>
CAS number: 13463-67-7	EC number: 236-675-5
Substance with National workplace exposure limits.	
<b>Classification</b> Not Classified	

The full text for all hazard statements is displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>General information</b>	Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.
<b>Inhalation</b>	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.
<b>Ingestion</b>	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person.
<b>Skin contact</b>	Brush off loose particles from skin. In the event of any sensitisation symptoms developing, ensure further exposure is avoided. Remove contamination with soap and water or recognised skin cleansing agent. Get medical attention if symptoms are severe or persist after washing.

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<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.
<b>Protection of first aiders</b>	First aid personnel should wear appropriate protective equipment during any rescue. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.
<b><u>4.2. Most important symptoms and effects, both acute and delayed</u></b>	
<b>General information</b>	See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	A single exposure may cause the following adverse effects: Irritation of nose, throat and airway. Difficulty in breathing. Coughing.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	May cause skin sensitisation or allergic reactions in sensitive individuals. Redness. Irritating to skin.
<b>Eye contact</b>	Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

### **4.3. Indication of any immediate medical attention and special treatment needed**

<b>Notes for the doctor</b>	Treat symptomatically. May cause sensitisation or allergic reactions in sensitive individuals.
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## **SECTION 5: Firefighting measures**

### **5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.

### **5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	None known.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

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

<b>Protective actions during firefighting</b>	Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

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

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

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**Personal precautions** Do not touch or walk into spilled material. Keep unnecessary and unprotected personnel away from the spillage. Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of dust and vapours. Use suitable respiratory protection if ventilation is inadequate. Avoid contact with skin and eyes. Wear protective clothing as described in Section 8 of this safety data sheet. Wash thoroughly after dealing with a spillage.

### 6.2. Environmental precautions

**Environmental precautions** Slightly soluble in water. Aquatic toxicity is unlikely to occur. However, large or frequent spills may have hazardous effects on the environment. Collect spillage.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Neutralise with acid. Caution. May generate heat. Following dilution and neutralisation, discharge to the sewer with plenty of water may be permitted. The requirements of the local water authority must be complied with if contaminated water is flushed directly to the sewer. For waste disposal, see Section 13.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.

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

### 7.1. Precautions for safe handling

**Usage precautions** Keep out of the reach of children. Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Avoid handling which leads to dust formation. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers.

**Advice on general occupational hygiene** Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store away from the following materials: Acids. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Protect containers from damage.

**Storage class** Chemical storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

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

### 8.1. Control parameters

#### Occupational exposure limits

##### **Portland cement**

Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust

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### Quartz (SiO<sub>2</sub>)

Long-term exposure limit (8-hour TWA): WEL 6 mg/m<sup>3</sup> inhalable dust  
 Long-term exposure limit (8-hour TWA): WEL 2.4 mg/m<sup>3</sup> respirable dust  
 [Listed as: Silica, amorphous]

### Aluminium oxide

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust  
 Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

### Calcium Oxide

Long-term exposure limit (8-hour TWA): WEL 2 mg/m<sup>3</sup>

### Diiron trioxide

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust  
 Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup> fume  
 Short-term exposure limit (15-minute): WEL 10 mg/m<sup>3</sup> fume  
 as Fe  
 Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust

### Magnesium oxide

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> fume and respirable dust  
 as Mg  
 Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust  
 as Mg

### Titanium dioxide

Long-term exposure limit (8-hour TWA): WEL 4 mg/m<sup>3</sup> respirable dust  
 Long-term exposure limit (8-hour TWA): WEL 10 mg/m<sup>3</sup> inhalable dust  
 WEL = Workplace Exposure Limit.

### Aluminium oxide (CAS: 1344-28-1)

<b>DNEL</b>	Workers - Inhalation; Short term systemic effects: 15.63 mg/m <sup>3</sup> Workers - Inhalation; Long term local effects: 15.63 mg/m <sup>3</sup> General population - Oral; Long term systemic effects: 6.58 mg/kg/day
<b>PNEC</b>	Fresh water; 0.0749 mg/l STP; 20 mg/l

## 8.2. Exposure controls

### Protective equipment



### Appropriate engineering controls

Provide adequate ventilation. Observe any occupational exposure limits for the product or ingredients. Use mechanical ventilation if there is a risk of handling causing formation of airborne dust.

### Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

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<b>Hand protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
<b>Other skin and body protection</b>	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
<b>Hygiene measures</b>	Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Warn cleaning personnel of any hazardous properties of the product.
<b>Respiratory protection</b>	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly.
<b>Environmental exposure controls</b>	Keep container tightly sealed when not in use.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Powder.
<b>Colour</b>	Grey.
<b>Odour</b>	Almost odourless.
<b>Odour threshold</b>	Not available.
<b>pH</b>	pH (concentrated solution): 12-13
<b>Melting point</b>	Not available.
<b>Initial boiling point and range</b>	Not available.
<b>Flash point</b>	Not available.
<b>Evaporation rate</b>	Not available.
<b>Upper/lower flammability or explosive limits</b>	Not available.
<b>Vapour pressure</b>	Not available.
<b>Vapour density</b>	Not available.
<b>Relative density</b>	Not available.
<b>Solubility(ies)</b>	Insoluble in water.
<b>Partition coefficient</b>	Not available.
<b>Auto-ignition temperature</b>	Not available.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	Not applicable.

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<b>Explosive properties</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for classification as oxidising.

### 9.2. Other information

<b>Other information</b>	No information required.
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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

<b>Reactivity</b>	There are no known reactivity hazards associated with this product.
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### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
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### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	No potentially hazardous reactions known.
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### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	There are no known conditions that are likely to result in a hazardous situation.
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### 10.5. Incompatible materials

<b>Materials to avoid</b>	Acid anhydrides. Acids. Phenols, cresols.
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### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity - oral

<b>Notes (oral LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
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#### Acute toxicity - dermal

<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
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#### Acute toxicity - inhalation

<b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met.
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#### Skin corrosion/irritation

<b>Animal data</b>	Irritating.
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<b>Extreme pH</b>	≥ 11.5
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#### Serious eye damage/irritation

<b>Serious eye damage/irritation</b>	Eye Dam. 1 - H318 Causes serious eye damage.
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#### Respiratory sensitisation

<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met.
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#### Skin sensitisation

<b>Skin sensitisation</b>	May cause skin sensitisation or allergic reactions in sensitive individuals.
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#### Germ cell mutagenicity

<b>Genotoxicity - in vitro</b>	Based on available data the classification criteria are not met.
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### Carcinogenicity

**Carcinogenicity** Based on available data the classification criteria are not met.

**IARC carcinogenicity** Contains a substance/a group of substances which may cause cancer. IARC Group 1  
Carcinogenic to humans.

### Reproductive toxicity

**Reproductive toxicity - fertility** Based on available data the classification criteria are not met.

**Reproductive toxicity - development** Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**STOT - single exposure** STOT SE 3 - H335 May cause respiratory irritation.

**Target organs** Respiratory system, lungs

### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** Not classified as a specific target organ toxicant after repeated exposure.

### Aspiration hazard

**Aspiration hazard** Not relevant. Solid.

### **General information**

Dust may irritate the eyes and the respiratory system. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

### **Inhalation**

A single exposure may cause the following adverse effects: Irritation of nose, throat and airway. Difficulty in breathing. Coughing.

### **Ingestion**

May cause discomfort if swallowed.

### **Skin contact**

May cause skin sensitisation or allergic reactions in sensitive individuals. Redness. Irritating to skin.

### **Eye contact**

Causes serious eye damage. Symptoms following overexposure may include the following: Pain. Profuse watering of the eyes. Redness.

### **Route of exposure**

Ingestion Inhalation Skin and/or eye contact

### **Target organs**

Respiratory system, lungs

### **Medical considerations**

Skin disorders and allergies.

### Toxicological information on ingredients.

#### Portland cement

##### Acute toxicity - dermal

**Notes (dermal LD<sub>50</sub>)** LD<sub>50</sub> >2000 mg/kg, Dermal, Rabbit

##### Skin corrosion/irritation

**Animal data** Causes skin irritation.

##### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye damage.

##### Skin sensitisation

**Skin sensitisation** May cause an allergic skin reaction.

##### Specific target organ toxicity - single exposure

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**STOT - single exposure** May cause respiratory irritation.

### Quartz (SiO<sub>2</sub>)

**Toxicological effects** Not regarded as a health hazard under current legislation. (Quartz fine fraction <1%)

### Carcinogenicity

**IARC carcinogenicity** IARC Group 1 Carcinogenic to humans.

### Aluminium oxide

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** LD<sub>50</sub> >15900 mg/kg, Oral, Rat

#### Acute toxicity - inhalation

**Notes (inhalation LC<sub>50</sub>)** LC<sub>50</sub> >2.3 mg/l, Inhalation, Rat

#### Skin corrosion/irritation

**Animal data** Dose: 0.5g, 24 hours, Rabbit Erythema/eschar score: No erythema (0). Oedema score: No oedema (0). Not irritating.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Dose: 100 mg, 7 days, Rabbit Eye not rinsed. Not irritating.

#### Respiratory sensitisation

**Respiratory sensitisation** Mouse: Not sensitising.

#### Skin sensitisation

**Skin sensitisation** Draize test - Guinea pig: Not sensitising.

#### Reproductive toxicity

**Reproductive toxicity - development** Maternal toxicity:, Fetotoxicity: - NOAEL: 266 mg/kg, Oral, Rat

#### Specific target organ toxicity - repeated exposure

**STOT - repeated exposure** NOAEC 70 mg/m<sup>3</sup>, Inhalation, Rat

#### Aspiration hazard

**Aspiration hazard** Not anticipated to present an aspiration hazard, based on chemical structure.

### Calcium Oxide

#### Acute toxicity - oral

**Acute toxicity oral (LD<sub>50</sub> mg/kg)** 7,430.0

**Species** Rat

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met. REACH dossier information.

**ATE oral (mg/kg)** 7,430.0

#### Acute toxicity - dermal

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<b>Notes (dermal LD<sub>50</sub>)</b>	Based on available data the classification criteria are not met. REACH dossier information.
<b><u>Acute toxicity - inhalation</u></b>	
<b>Notes (inhalation LC<sub>50</sub>)</b>	Based on available data the classification criteria are not met. REACH dossier information.
<b><u>Skin corrosion/irritation</u></b>	
<b>Human skin model test</b>	Alkaline nature of chemical can cause skin irritation upon prolonged dermal exposure. Skin Irrit. 2 - H315 REACH dossier information.
<b><u>Serious eye damage/irritation</u></b>	
<b>Serious eye damage/irritation</b>	Corneal damage. Eye Dam. 1 - H318 REACH dossier information. Estimated value.
<b><u>Respiratory sensitisation</u></b>	
<b>Respiratory sensitisation</b>	Based on available data the classification criteria are not met. REACH dossier information.
<b><u>Skin sensitisation</u></b>	
<b>Skin sensitisation</b>	Based on available data the classification criteria are not met. REACH dossier information.
<b><u>Germ cell mutagenicity</u></b>	
<b>Genotoxicity - in vitro</b>	Gene mutation: Negative. DNA damage and/or repair: Negative. Based on available data the classification criteria are not met. REACH dossier information.
<b>Genotoxicity - in vivo</b>	This substance has no evidence of mutagenic properties. Based on available data the classification criteria are not met. REACH dossier information.
<b><u>Carcinogenicity</u></b>	
<b>Carcinogenicity</b>	Dose level: >5 %, aqueous solution, Oral, Rat Based on available data the classification criteria are not met. REACH dossier information.
<b><u>Reproductive toxicity</u></b>	
<b>Reproductive toxicity - development</b>	Developmental toxicity: - Dose level: >440 mg/kg/day, aqueous solution, Oral, Mouse Based on available data the classification criteria are not met. REACH dossier information.
<b><u>Specific target organ toxicity - single exposure</u></b>	
<b>STOT - single exposure</b>	STOT SE 3 - H335 May cause respiratory irritation. REACH dossier information.
<b>Target organs</b>	Respiratory system, lungs
<b><u>Specific target organ toxicity - repeated exposure</u></b>	
<b>STOT - repeated exposure</b>	Based on available data the classification criteria are not met. REACH dossier information.
<b><u>Aspiration hazard</u></b>	
<b>Aspiration hazard</b>	Not anticipated to present an aspiration hazard, based on chemical structure.

### SECTION 12: Ecological information

**Ecotoxicity** The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

#### 12.1. Toxicity

## Blue Hawk Quick Set Cement

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

### Ecological information on ingredients.

#### Portland cement

**Toxicity** Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

#### Quartz (SiO<sub>2</sub>)

**Toxicity** Not regarded as dangerous for the environment.

#### Aluminium oxide

#### Acute aquatic toxicity

**Acute toxicity - fish** NOEC, 96 hours: >50 mg/l, *Ictalurus punctatus*  
Weight of evidence.

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 1.5 mg/l, *Ceriodaphnia dubia*  
Weight of evidence.

#### Calcium Oxide

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

#### Acute aquatic toxicity

**Acute toxicity - fish** LC<sub>50</sub>, 96 hours: >1070 mg/l, *Cyprinus carpio* (Common carp)  
REACH dossier information.

**Acute toxicity - aquatic invertebrates** EC<sub>50</sub>, 48 hours: 159.6 mg/l, Freshwater invertebrates  
REACH dossier information.  
Estimated value.

### 12.2. Persistence and degradability

**Persistence and degradability** The degradability of the product is not known.

### Ecological information on ingredients.

#### Portland cement

**Persistence and degradability** No data available.

#### Quartz (SiO<sub>2</sub>)

**Persistence and degradability** The product contains inorganic substances which are not biodegradable.

#### Aluminium oxide

**Biodegradation** Substance is inorganic.  
Not relevant.

#### Calcium Oxide

**Persistence and degradability** Substance is inorganic.

## Blue Hawk Quick Set Cement

### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not available.

### Ecological information on ingredients.

#### Portland cement

**Bioaccumulative potential** No data available on bioaccumulation.

#### Quartz (SiO<sub>2</sub>)

**Bioaccumulative potential** No data available on bioaccumulation.

#### Aluminium oxide

**Bioaccumulative potential** No data available on bioaccumulation.

#### Calcium Oxide

**Bioaccumulative potential** Substance is inorganic.

### 12.4. Mobility in soil

**Mobility** The product is partly soluble in water and may spread in the aquatic environment.

### Ecological information on ingredients.

#### Portland cement

**Mobility** No information available.

#### Quartz (SiO<sub>2</sub>)

**Mobility** No data available.

#### Aluminium oxide

**Mobility** Insoluble in water.

#### Calcium Oxide

**Mobility** Soluble in water.

### 12.5. Results of PBT and vPvB assessment

### Ecological information on ingredients.

#### Portland cement

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### Quartz (SiO<sub>2</sub>)

**Results of PBT and vPvB assessment** Substance is inorganic. Not relevant.

#### Aluminium oxide

## Blue Hawk Quick Set Cement

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

### Calcium Oxide

**Results of PBT and vPvB assessment** This substance is not classified as PBT or vPvB according to current EU criteria.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

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

#### 13.1. Waste treatment methods

**General information** Reuse or recycle products wherever possible. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

**Disposal methods** Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

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

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

No transport warning sign required.

#### 14.4. Packing group

Not applicable.

#### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

## Blue Hawk Quick Set Cement

### SECTION 15: Regulatory information

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

<b>National regulations</b>	The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (SI 2009 No. 1348) (as amended) ["CDG 2009"]. EH40/2005 Workplace exposure limits.
<b>EU legislation</b>	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Commission Regulation (EU) No 2015/830 of 28 May 2015. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

<b>Abbreviations and acronyms used in the safety data sheet</b>	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road. ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways. RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail. IATA: International Air Transport Association. ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air. IMDG: International Maritime Dangerous Goods. CAS: Chemical Abstracts Service. ATE: Acute Toxicity Estimate. LC <sub>50</sub> : Lethal Concentration to 50 % of a test population. LD <sub>50</sub> : Lethal Dose to 50% of a test population (Median Lethal Dose). EC <sub>50</sub> : 50% of maximal Effective Concentration. PBT: Persistent, Bioaccumulative and Toxic substance. vPvB: Very Persistent and Very Bioaccumulative.
<b>Classification abbreviations and acronyms</b>	Eye Dam. = Serious eye damage Skin Irrit. = Skin irritation Skin Sens. = Skin sensitisation STOT SE = Specific target organ toxicity-single exposure
<b>Classification procedures according to Regulation (EC) 1272/2008</b>	Eye Dam. 1 - H318: STOT SE 3 - H335: Skin Irrit. 2 - H315: Skin Sens. 1 - H317: : Calculation method.
<b>Training advice</b>	Read and follow manufacturer's recommendations. Only trained personnel should use this material.
<b>Revision date</b>	26/04/2021
<b>Revision</b>	2
<b>Supersedes date</b>	21/12/2018
<b>SDS number</b>	3263

## Blue Hawk Quick Set Cement

### Hazard statements in full

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H318 Causes serious eye damage.  
H335 May cause respiratory irritation.

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.