



Suite 'C', St. Mary's Studios, St. Mary's Road, Bowdon Cheshire, WA14 2PL

Tel: 0044 (0) 161 332512 Fax: 0044 (0) 161 3321932 email: [info@mixuk.com](mailto:info@mixuk.com) website: [www.mixuk.com](http://www.mixuk.com)

# MIX UK STERLING CORROSION INHIBITOR CALCIUM NITRITE SPECIAL (SCI-S)

## Material Safety Data Sheet

### 1. INGREDIENTS

Product Name	:	Mix UK Sterling Corrosion Inhibitor Calcium Nitrite Special (SCIS)
Manufacturer	:	MIX UK Ltd.
Material	:	Calcium nitrite
CAS#	:	13780-06-8
%	:	28-32

### 2. PHYSICAL DATA

Appearance	:	Physical state: Yellow Liquid
Odour	:	None
pH	:	7.0 ± 0.5
Boiling point	:	NA
Melt point	:	NA
Specific Gravity	:	1.30 ± 0.03
Bulk density	:	NA
% Solubility (H <sub>2</sub> O)	:	Complete
% Volatile by weight	:	NA
Vapour density	:	NA
Vapour pressure	:	NA

### 3. FIRE AND EXPLOSION HAZARD DATA

Flash point and method	:	None
Flammable limits	:	LEL: none ; UEL: None
Extinguishing media	:	None
Special fire fighting procedures	:	None
Unusual fire and explosion hazards:	:	Do not allow to dry. Product will act as an oxidizer.

### 4. PHYSIOLOGICAL EFFECTS

LD50 oral (ingestion)	:	NE
LD50 dermal (skin contact)	:	NE
LC50 (inhalation)	:	NE
Primary route of exposure	:	Inhalation, Eye and Skin
Effects of overexposure	:	
Inhalation	:	Irritating to mucous membrane and upper respiratory tract
Eye	:	May cause irritation
Skin	:	May cause mild irritation
Ingestion	:	May cause G.I. irritation, nausea and cramps. Large amounts may be toxic and may cause CNS effects.

### 5. EMERGENCY AND FIRST AID PROCEDURES

Inhalation	:	Move to fresh air. If illness or irritation occurs, call a physician or poison control centre.
Eye	:	Irrigate eye for 15 minutes. If pain, irritation or burning persists, seek medical attention.
Skin	:	Wash area thoroughly with soap and water. If pain, irritation or burning persists, call physician or poison control centre.
Ingestion	:	Call a physician or poison control centre immediately.



Suite 'C', St. Mary's Studios, St. Mary's Road, Bowdon Cheshire, WA14 2PL

Tel: 0044 (0) 161 332512 Fax: 0044 (0) 161 3321932 email: [info@mixuk.com](mailto:info@mixuk.com) website: [www.mixuk.com](http://www.mixuk.com)

#### 6. SPECIAL PROTECTION INFORMATION

Ventilation	:	Adequate fresh air
Respiratory	:	None
Eye protection	:	Yes
Protection gloves	:	Yes (rubberized)

*Note: All chemicals should be handled so as to prevent eye contact and excessive or repeated skin contact. Appropriate eye and skin protection should be employed. Inhalation of dusts and vapors should be avoided*

#### 7. CHEMICAL REACTIVITY

Conditions causing instability	:	None
Incompatibility (materials to avoid):	:	Add separately to concrete mix.
Hazardous decomposition products:	:	May yield nitrogen oxide fume if heated and burned.
Special sensitivity	:	None

#### 8. STORAGE

Precautions to be taken in handling and storing: Keep from freezing. Do not contaminate with other chemicals otherwise the material will agglomerate and clog equipment.

#### 9. SPILLS, LEAK, AND DISPOSAL INFORMATION

Steps to be taken in case material is spilled or released: Small spills up to 2 gallons, soak up with absorbent and dispose of in landfill. Wash area. Consult local sewer authority for effect on sewage treatment facility.

Vendor assumes no responsibility for injury to the vendee or third persons caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

*To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.*

**Mix UK Sterling Corrosion Inhibitor Calcium Nitrite Special (SCIS) is marketed in the Gulf Region by:**



GULF CONCRETING PRODUCTS  
P.O. Box 43010 Abu Dhabi ; 50012 Fujairah, UAE  
Tel. No. +971 2 6273998 | Fax No. +971 2 6273994  
Email: [info@gcpuae.ae](mailto:info@gcpuae.ae) | Website: [www.gcpuae.com](http://www.gcpuae.com)



CROWN CONCRETING PRODUCTS LLC  
P.O. Box 43010 Abu Dhabi, UAE  
Tel. No. +971 2 6273998 | Fax No. +971 2 6273994  
Email: [crown@gcpuae.ae](mailto:crown@gcpuae.ae)