

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

### 1.1. Product identifier

Product code : SEI KO

UFI: NfVU-Q5KG-0997-QR8G

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

Water-based paint

Sectors of use:

Private households[SU21], Public domain[SU22]

Product category:

Non-metal-surface treatment products

Process categories:

Application with rollers, brushes or spatulas[PROC10], Non industrial spraying[PROC11]

Uses advised against

All uses other than painting in construction

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

Ragione Sociale: FORNACI CALCE GRIGOLIN S.p. A.

Indirizzo: Via Foscarini, 2

Località e Stato: 31040 Nervesa della Battaglia (TV) - Italia

tel.: +39 0525-415170

e-mail della persona competente,

responsabile della scheda dati di sicurezza: laboratorio.colore@fornacigrigolin.it

### 1.4. Emergency telephone number

HEALTH EMERGENCY - 112 (0-24h)

## SECTION 2. Hazards identification

### 2.1. Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No 1272/2008:

Pictograms:

GHS05, GHS09

Hazard Class and Category Code(s):

Met. Corr. 1, Skin Corr. 1B, Aquatic Acute 1, Aquatic Chronic 3

Hazard statement Code(s):

H290 - May be corrosive to metals.

H314 - Causes severe skin burns and eye damage.

H400 - Very toxic to aquatic life. (Acute toxicity M-factor = 1)

H412 - Harmful to aquatic life with long lasting effects.

The product can be corrosive to metals  
Corrosive product: causes severe skin burns and eye damage.  
The product is dangerous for the environment as it is very toxic to aquatic organisms  
The product is dangerous to the environment as it is harmful to aquatic life with long lasting effects

#### 2.1.2 Additional information:

For full text of Hazard- and EU Hazard-statements: see SECTION 16.

### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008:

Pictogram, Signal Word Code(s):  
GHS05, GHS09 - Danger



Hazard statement Code(s):  
H290 - May be corrosive to metals.  
H314 - Causes severe skin burns and eye damage.  
H410 - Very toxic to aquatic life with long lasting effects.

Supplemental Hazard statement Code(s):  
EUH031 - Contact with acids liberates toxic gas.  
EUH206 - Warning! Do not use together with other products. May release dangerous gases (chlorine).

Precautionary statements:

General

P101 - If medical advice is needed, have product container or label at hand.  
P102 - Keep out of reach of children.

Prevention

P273 - Avoid release to the environment.  
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 - Call a POISON CENTER/doctor/... if you feel unwell.

Disposal

P501 - Dispose of the product / container in accordance with national regulations.

Contains:

Sodium hypochlorite, 16% active Cl solution

UFI: NFVU-Q5KG-0997-QR8G

### 2.3. Other hazards

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

No information on other hazards  
 Packaging to be fitted with child-resistant fastenings  
 Packaging to be fitted with a tactile warning

## SECTION 3. Composition/information on ingredients

### 3.1 Substances

Substance	Concentration[ w/w]	Classification	Index	CAS	EINECS	REACH
Sodium hypochlorite, 16% active Cl solution	>= 30 < 50%	EUH031; Met. Corr. 1, H290; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411 Limits: , EUH031 %C >=5; Acute toxicity M-factor = 10 Chronic toxicity M-factor = 1 ATE oral > 5.000,000 mg/kg ATE dermal > 10.000,000 mg/kg	017-011-00-1	7681-52-9	231-668-3	01-2119488 154-34
Amines, C12-14-alkyldimethyl, N-oxides	>= 0,1 < 1%	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 2, H411 Acute toxicity M-factor = 1 Chronic toxicity M-factor = 1 ATE oral = 500,000 mg/kg ATE dermal = 2.000,000 mg/kg	ND	308062-28-4	931-292-6	01-2119490 061-47-002 3

### 3.2 Mixtures

Irrilevant

## SECTION 4. First aid measures

### 4.1. Description of first aid measures

Inhalation:

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated room. CALL A PHYSICIAN.

Air the area. Move immediately the contaminated patient from the area and keep him at rest in a well ventilated area. If you feel unwell seek medical advice.

If breathing has stopped, give artificial respiration.

Direct contact with skin (of the pure product):

Take contaminated clothing Immediately off.

Wash immediately with plenty of running water and possibly with soap, the areas of the body that have, or are only suspected to have, come in contact with the product.

Consult a physician immediately

Direct contact with eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids open for at least 10 minutes, then protect your eyes with a dry sterile gauze. Seek medical advice immediately

Do not use eye drops or ointments of any kind before the examination or advice from an oculist.

Ingestion:

Drink water with egg white; do not give bicarbonate.

Absolutely do not induce vomiting or emesis. Seek medical advice immediately.

#### **4.2. Most important symptoms and effects, both acute and delayed**

No data available.

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

If medical advice is needed, have product container or label at hand.

Immediately call a POISON CENTER or doctor

Call a POISON CENTER/doctor/... if you feel unwell.

## **SECTION 5. Firefighting measures**

### **5.1. Extinguishing media**

Advised extinguishing agents:

Water spray, CO<sub>2</sub>, foam, dry chemical, depending on the materials involved in the fire.

Extinguishing means to avoid:

Water jets. Use water jets only to cool the surfaces of the containers exposed to fire.

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

No data available.

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

Use protection for the breathing apparatus

Safety helmet and full protective suit.

The spray water can be used to protect the people involved in the extinction

You may also use selfrespirator, especially when working in confined and poorly ventilated area and if you use halogenated extinguishers (Halon 1211 fluobrene, Solkan 123, NAF, etc...)

Keep containers cool with water spray

## **SECTION 6. Accidental release measures**

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

6.1.1 For non-emergency personnel:

Leave the area surrounding the spill or release. Do not smoke  
Wear mask, gloves and protective clothing.

6.1.2 For emergency responders:

Wear mask, gloves and protective clothing.  
Eliminate all unguarded flames and possible sources of ignition. No smoking.  
Provision of sufficient ventilation.  
Evacuate the danger area and, in case, consult an expert.

### **6.2. Environmental precautions**

Contain spill with earth or sand.

If the product has entered a watercourse in sewers or has contaminated soil or vegetation, notify it to the authorities.

Discharge the remains in compliance with the regulations

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

6.3.1 For containment:

Rapidly recover the product, wear a mask and protective clothing  
Recover the product for reuse, if possible, or for removal. Possibly absorb it with inert material.  
Prevent it from entering the sewer system.

6.3.2 For cleaning up:

After wiping up, wash with water the area and materials involved

6.3.3 Other information:

Nothing in particular.

### **6.4. Reference to other sections**

Refer to paragraphs 8 and 13 for more information

## **SECTION 7. Handling and storage**

### **7.1. Precautions for safe handling**

Avoid contact and inhalation of vapors

Wear protective gloves/protective clothing/eye protection/face protection.

At work do not eat or drink.

See also paragraph 8 below.

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

Keep in original container closed tightly. Do not store in open or unlabeled containers.

Keep containers upright and safe by avoiding the possibility of falls or collisions.

Store in a cool place, away from sources of heat and direct exposure of sunlight.

### 7.3. Specific end use(s)

Private households:  
Handle with caution.  
Store in a ventilated place and away from heat sources.  
Keep container tightly closed.

Public domain:  
Handle with care. Store in a ventilated area and away from heat, keep the container tightly closed.

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

No data available.

### 8.2. Exposure controls

Appropriate engineering controls:  
Private households:  
No specific controls foreseen

Public domain:  
No specific monitoring foreseen

Individual protection measures:

(a) Eye / face protection  
When handling the pure product use safety glasses (spectacles cage) (EN 166).

(b) Skin protection

(i) Hand protection  
When handling the pure product use chemical resistant protective gloves (EN 374-1/EN374-2/EN374-3)

(ii) Other  
When handling the pure product wear full protective skin clothing.

(c) Respiratory protection  
Not needed for normal use.

(d) Thermal hazards  
No hazard to report

Environmental exposure controls:  
Use according to good working practices to avoid pollution into the environment.



## SECTION 9. Physical and chemical properties

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

Physical and chemical properties	Value	Determination method
Physical state	Liquid	
Colour	Clear	
Odour	Characteristic	
Odour threshold	not determined	
Melting point/freezing point	not determined	
Boiling point or initial boiling point and boiling range	100°C	
Flammability	irrelevant	
Lower and upper explosion limit	irrelevant	
Flash point	irrelevant	ASTM D92
Auto-ignition temperature	not determined	
Decomposition temperature	not determined	
pH	14	
Kinematic viscosity	not determined	
Solubility(ies)	miscible in water	
Water solubility	not determined	
Partition coefficient n-octanol/water (log value)	not determined	
Vapour pressure	not determined	
Density and/or relative density	1,12 Kg/l	
Relative vapour density	not determined	
Particle characteristics	irrelevant	

## 9.2. Other information

### 9.2.1 Information with regard to physical hazard classes

Irrilevant

### 9.2.2 Other safety characteristics

Irrilevant

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

No reactivity hazards

### 10.2. Chemical stability

No hazardous reaction when handled and stored according to provisions.

### 10.3. Possibility of hazardous reactions

There are no hazardous reactions

### 10.4. Conditions to avoid

Nothing to report

### 10.5. Incompatible materials

It can generate inflammable gases to contact with halogenated organic substances, elementary metals.

### 10.6. Hazardous decomposition products

Does not decompose when used for intended uses.

## SECTION 11. Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

ATE oral = 125.000,0 mg/kg

ATE dermal = ∞

ATE inhal = ∞

- (a) acute toxicity: based on available data, the classification criteria are not met
- (b) skin corrosion/irritation: Corrosive product: causes severe skin burns and eye damage.
- (c) serious eye damage/irritation: Corrosive product: causes severe skin burns and eye damage.
- (d) respiratory or skin sensitisation: based on available data, the classification criteria are not met
- (e) germ cell mutagenicity: based on available data, the classification criteria are not met
- (f) carcinogenicity: based on available data, the classification criteria are not met
- (g) reproductive toxicity: based on available data, the classification criteria are not met
- (h) specific target organ toxicity (STOT) single exposure: based on available data, the classification criteria are not met
- (i) specific target organ toxicity (STOT) repeated exposure based on available data, the classification criteria are not met
- (j) aspiration hazard: based on available data, the classification criteria are not met

Related to contained substances:

Sodium hypochlorite, 16% active Cl solution:

LD50 (rat) Oral (mg/kg body weight) > 5000

LD50 Dermal (rat or rabbit) (mg/kg body weight) > 10000

Amines, C12-14-alkyldimethyl, N-oxides:

LD50 (rat) Oral (mg/kg body weight) = 500

LD50 Dermal (rat or rabbit) (mg/kg body weight) = 2000



### 11.2. Information on other hazards

No data available.

#### 11.2.1. Endocrine disrupting properties

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

## SECTION 12. Ecological information

### 12.1. Toxicity

Related to contained substances:

Sodium hypochlorite, 16% active Cl solution:  
LC50: 0,059 mg/l/96h Oncorhynchus mykiss  
EC50: 0,04 mg/l/48h Daphnia magna  
EC50: 46 mg/l/72h Gracilaria tenuistipitata  
NOEC: 0,364 mg/l Algae fresh water  
Acute toxicity M-factor = 10  
Chronic toxicity M-factor = 1

Amines, C12-14-alkyldimethyl, N-oxides:  
EC50: < 1 mg/l/48h  
Acute toxicity M-factor = 1  
Chronic toxicity M-factor = 1

The product is dangerous for the environment as it is very toxic to aquatic organisms following acute exposure.

The product is dangerous for the environment as it is toxic for aquatic organisms following acute exposure.

Use according to good working practices to avoid pollution into the environment.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

No data available.

### 12.4. Mobility in soil

No data available.

### 12.5. Results of PBT and vPvB assessment

Based on the available data, no PBT or vPvB substances are present in accordance with Regulation (EC) 1907/2006, annex XIII

### 12.6. Endocrine disrupting properties

Based on available data, there are no substances that interfere with the Endocrine System in accordance with Regulation (EU) 2017/2100

### 12.7. Other adverse effects

No adverse effects

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

Do not reuse empty containers. Dispose of them in accordance with the regulations in force. Any remaining product should be disposed of according to applicable regulations by addressing to authorized companies.

Recover if possible. Send to authorized discharge plants or for incineration under controlled conditions. Operate according to local and National rules in force

## SECTION 14. Transport information

### 14.1. UN number or ID number

ADR/RID/IMDG/ICAO-IATA: 1791



If subject to the following characteristics is ADR exempt:

Combination packagings: per inner packaging 1 L per package 30 kg

Inner packagings placed in skrink-wrapped or stretch-wrapped trays: per inner packaging 1 L per package 20 kg

### 14.2. UN proper shipping name

ADR/RID/IMDG: IPOCLORITO IN SOLUZIONE

ADR/RID/IMDG: HYPOCHLORITE SOLUTION

ICAO-IATA: HYPOCHLORITE SOLUTION

### 14.3. Transport hazard class(es)

ADR/RID/IMDG/ICAO-IATA: Class : 8

ADR/RID/IMDG/ICAO-IATA: Label : 8 + Ambiente

ADR: Tunnel restriction code : E

ADR/RID/IMDG/ICAO-IATA: Limited quantities : 1 L

IMDG - EmS : F-A, S-B

### 14.4. Packing group

ADR/RID/IMDG/ICAO-IATA: II

### 14.5. Environmental hazards

ADR/RID/ICAO-IATA: Product is environmentally hazardous

IMDG: Marine polluting agent : Yes

#### **14.6. Special precautions for user**

The transport must be carried out by authorised vehicles carrying dangerous goods in accordance with the requirements of the current edition of the agreement and the provisions A.D.R national regulations. The transport must be carried out in the original packaging and in packages that are made from materials resistant to the content and not likely to generate with this dangerous reactions. Employees to the loading and unloading of dangerous goods have received proper training on the risks presented by prepared and on possible procedures to be taken in the event of emergency situations

#### **14.7. Maritime transport in bulk according to IMO instruments**

It is not intended to carry bulk

### **SECTION 15. Regulatory information**

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

SEI KO REACH Annex 17 restriction: 3

Seveso category:  
E1 - ENVIRONMENTAL HAZARDS

REGULATION (EU) No 1357/2014 - waste:  
HP8 - Corrosive  
HP14 - Ecotoxic

Substances in the Candidate List (REACH Article 59)  
Based on available data, no SVHC substances are present

#### **15.2. Chemical safety assessment**

No chemical safety assessment was carried out by the supplier

### **SECTION 16. Other information**

#### **16.1. Other information**

Description of the hazard statements exposed to point 3

- H290 = May be corrosive to metals.
- H314 = Causes severe skin burns and eye damage.
- H318 = Causes serious eye damage.
- H400 = Very toxic to aquatic life.
- H411 = Toxic to aquatic life with long lasting effects.
- H302 = Harmful if swallowed.
- H315 = Causes skin irritation.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008

- H290 - May be corrosive to metals. Classification procedure: On basis of test data
- H314 - Causes severe skin burns and eye damage. Classification procedure: Calculation method
- H400 - Very toxic to aquatic life. Classification procedure: Calculation method

---

H412 - Harmful to aquatic life with long lasting effects. Classification procedure: Calculation method

**GENERAL BIBLIOGRAPHY:**

- Council Regulation (EC) 1907/2006 of the European Parliament (REACH)
- Regulation (EC) 1272/2008 of the European Parliament (CLP) and subsequent updates
- Council Regulation (EC) no 758/2013 of the European Parliament
- Regulation (EC) no 2020/878 of the European Parliament
- Regulation (EC) No 528/2012 European Parliament and subsequent updates
- Commission Regulation (EC) No 790/2009 of 10 August 2009
- Commission Regulation (EU) No 286/2011 of 10 March 2011
- Commission Regulation (EU) No 618/2012 of 10 July 2012
- Commission Regulation (EU) No 487/2013 of 8 May 2013
- Council Regulation (EU) No 517/2013 of 13 May 2013
- Commission Regulation (EU) No 758/2013 of 7 August 2013
- Commission Regulation (EU) No 944/2013 of 2 October 2013
- Commission Regulation (EU) No 605/2014 of 5 June 2014
- Commission Regulation (EU) 2015/491 of 23 March 2015
- Commission Regulation (EU) No 1297/2014 of 5 December 2014- Council Regulation (EC) 648/2004 of the European Parliament and subsequent updates
- The Merck Index
- Handling Chemical Safety
- Niosh Registry of Toxic Effects of Chemical Substances
- INRS - Fiche Toxicologique
- Patty-Industrial Hygiene and Toxicology
- N.I. Sax-Dangerous properties of Industrial Materials-7 Ed., 1989

**Note to the user:**

the information in this tab are based on knowledge available to us on the date of the latest version.

The user must ensure the fitness and completeness of the information in relation to the specific use of the product.

You should not interpret it as a guarantee of any specific property of the product.

For the use of the product does not fall under our direct control, the obligation of the user to observe under their own liability laws and regulations on hygiene and safety. Do not assume liability for improper use.

This tab replaces and cancels all previous

---