

# Safety data sheet

416 Iso A-Clean

## 1. Identification of the substance/preparation and of the company/undertaking

Revision: 20-08-2009/ EP  
Replaces: 30-10-2007

**Product use:** Cleaning agent for mineral surfaces.

Distributor:  
**Iso Paint Nordic A/S**  
Tværvej 8  
6640 Lunderskov

Tel:Nødtlf. 76333114 åben mandag-torsdag kl. 8-16  
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## 2. Hazards identification

Causes burns. Harmful in contact with skin and if swallowed. Very toxic to aquatic organisms.

## 3. Composition/information on ingredients

Einecs no.	CAS No.	Substances	Classification	w/w%
270-325-2	68424-85-1	Benzalkoniumchloride	C;R34 Xn;R21/22 N;R50	25-50

Please see section 16 for the full text of the R-phrases

## 4. First aid measures

### Inhalation

Seek fresh air.

### Ingestion

Wash out mouth thoroughly and drink 1-2 glasses of water in small sips. Do not induce vomiting. If vomiting occurs, keep head low so that stomach contents do not enter lungs. Seek medical advice immediately.

### Skin

Remove contaminated clothing. Wash skin with soap and water. Seek medical advice if symptoms persist.

### Eyes

Flush immediately with water (preferably using eye wash equipment) for at least 5 minutes. Open eye wide. Remove any contact lenses. Seek medical advice.

### Burns

Flush with water until pain ceases. Remove clothing that is not stuck to the skin – seek medical advice/transport to hospital. If possible, continue flushing until medical attention is obtained.

### Other information

When obtaining medical advice, show the safety data sheet or label.

## 5. Fire-fighting measures

The product is not flammable. Do not inhale vapours and flue gases - seek fresh air.

## 6. Accidental release measures

Use the same personal protective equipment as stated in section 8. Contain and absorb spill with sand, cat litter or other absorbent, non-combustible material and transfer to suitable waste containers. See section 13 for instructions on disposal. Prevent spillage from entering drains and/or surface water.

Notify proper authorities in case of contamination of soil or aquatic environment or discharge to drains.

## 7. Handling and storage

### Handling

See section 8 for information about precautions for use and personal protective equipment.

### Storage

There are no special storage requirements but the product should be stored safely, out of reach of children and not together with food, animal feeding stuffs, medicines, etc. Store in a cool, dry place.

## 8. Exposure controls/ personal protection

### Precautions for use

The product should be used outdoors. Wash hands before breaks, before using restroom facilities, and at the end of work.

### Respiratory protection

Wear respiratory protective equipment with filter A2/P2.

### Gloves and protective clothing

Use rubber apron and boots as required.

### Eye protection

Wear safety goggles/face protection.

### Occupational exposure limits

Ingredients	Exposure limit	Remarks

### Control methods

Compliance with occupational exposure limits may be checked by occupational hygiene measurements; Compliance with the stated occupational exposure limits may be checked by occupational hygiene measurements.

## 9. Physical and chemical properties

Appearance: Liquid  
Odour: weak  
pH (concentrate): 7-8  
Relative density (g/ml): 1,04  
Solubility in water (g/100 ml): 100

## 10. Stability and reactivity

The product is stable when used in accordance with the supplier's directions. Generates toxic gases if mixed with chloric products.

## 11. Toxicological information

### **Acute**

#### **Inhalation**

Inhalation is corrosive to the upper airways. Causes a burning sensation in the nose, mouth and throat, together with sneezing, coughing, breathing difficulties and chest pain.

#### **Ingestion**

Harmful if swallowed. May cause chemical pneumonia if ingested or vomited.

#### **Skin contact**

Has a corrosive effect and causes burning pain, reddening, blisters and burns.

#### **Eye contact**

May cause severe burns, pain, tearing and cramp of the eyelids. Risk of serious damage to eyes and loss of vision.

#### **Risk of sensitization**

May cause sensitization by skin contact. Symptoms include reddening, swelling, blistering and ulceration – often slowly developing.

#### **Long-term effects**

None known.

## 12. Ecological information

Avoid discharge to drain or surface water.

#### **Ecotoxicity**

Very toxic to aquatic organisms.

#### **Mobility**

Mixable with water. May spread in the aquatic environment.

#### **Persistence and degradability**

The product is easily degradable in the aquatic environment.

#### **Bioaccumulative potential**

The product does not accumulate in the organism.

#### **Ecological information for ingredients**

Einecs nr.: 270-325-2 Benzalkoniumchlorid

Fish: *Leopomis macrochirus*: 96tLC50=0,223 mg/l

Crustacia: *Daphnia magna*: 48tLC50=0,039 0,16 mg/l

Algae: *Chlorella vulgaris*: 72tEC50=0,056 mg/l

BCF: Fish=< 1

## 13. Disposal considerations

Collect spills and waste in closed and sealed containers and send to the local disposal facility for chemical waste.

Kemikalieaffaldsgruppe: B

Affaldsfraktion: 1.11

EAK-kode: Brugeren skal selv angive EAK-kode ud fra anvendelse og branche.

#### **14. Transport information**

The product must be transported in accordance with national and/or international rules for transport of dangerous goods by road and sea according to ADR and IMDG.

**ADR:** UN 1760 ; Ætsende væsker n.o.s ; 8 ; III ;

**IMDG:** UN ; Ætsende væsker n.o.s ; 8 ; III

Classification code: Label ADR: 8 Hazard identification number:

Flash point: 100°C Label IMDG: 8 IMDG EmS.: 8-15

Transport according to ADR 1.1.3.6:Factor: 1. Maximum total quantity per transport unit: 1 000 kg.

MP: Marine Pollutant

## 15. Regulatory information



**Corrosive**



**Dangerous for  
the environment**

**Hazard designation:** Corrosive; Dangerous for the environment

**Hazard symbols:** C;N

**Contains**

Benzalkoniumchlorid

**R-phrases**

Causes burns. (R34)

Harmful in contact with skin and if swallowed. (R21/22)

Very toxic to aquatic organisms. (R50)

**S-phrases**

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. (S26)

After contact with skin, wash immediately with plenty of .... (to be specified by the manufacturer). (S28)

Wear suitable protective clothing, gloves and eye/face protection. (S36/37/39)

In case of accident or if you feel unwell, seek medical advice immediately (show label where possible). (S45)

Avoid release to the environment. Refer to special instructions/safety data sheet. (S61)

**Other labelling**

Restricted to professional users.

**Volatile organic compounds (VOC):**

This product is not subject to VOC legislation.

**Chemical safety assessment**

Chemical safety assessment has not been performed.

## 16. Other information

### Training requirement

No special training is necessary but a thorough knowledge of this safety data sheet is assumed.

### Sources used

Approved Supply List (seventh edition): Information approved for the classification and labelling of substances and preparations dangerous for supply. Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.  
Transport regulations for ADR 2003 edition and IMDG 2003 edition.  
Commission decision as regards the list of wastes 2001/118/EC.  
Anvend: CX 16.44  
Approved classification and labelling guide (fifth edition) 2002.

### Other information

This safety data sheet was prepared from information provided by the supplier about physical/chemical properties and all ingredients in the product.

### Full text of the R-phrases that are stated in section 3.

R21/22 Harmful in contact with skin and if swallowed.  
R34 Causes burns.  
R50 Very toxic to aquatic organisms.