

# Safety Data Sheet according to 91/155/EEC

European Nail Factory

Revision date : 16.12.2005

Revision no. : 1,00

## CUTICLE REMOVER

00642-0013

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

#### 1.1 Identification of the substance or preparation

CUTICLE REMOVER

#### **Use of the substance/preparation**

Cosmetic

#### 1.2 Company/undertaking identification

European Nail Factory

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### 2. Composition/information on ingredients

#### **Chemical characterization** ( preparation )

Aqueous solution of sodium hydroxide

#### **Hazardous components**

EC-No.	CAS-No.	Chemical name	Quantity	Classification
215-181-3	1310-58-3	Potassium hydroxide	< 2 %	Xn, C R22-35

Full text of each relevant R phrase can be found in heading 16.

### 3. Hazards identification

#### **Classification**

Symbols : Corrosive

R-phrases :

Causes burns.

### 4. First aid measures

#### **General information**

Remove contaminated soaked clothing immediately.

Show this safety data sheet to the doctor in attendance.

Call a physician immediately.

#### **After inhalation**

Move to fresh air.

In case of inhalation of aerosol/mist consult a physician if necessary.

#### **After contact with skin**

Wash off immediately with soap and plenty of water.

Consult a doctor if skin irritation persists.

#### **After contact with eyes**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

Seek medical treatment by eye specialist.

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#### **After ingestion**

Do not induce vomiting.

Rinse out mouth and give plenty of water to drink.

Never give anything by mouth to an unconscious person.

Summon a doctor immediately.

#### **Advice to doctor**

Hazard of gastric perforation.

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## **5. Fire-fighting measures**

#### **Suitable extinguishing media**

Product does not burn, fire-extinguishing activities according to surrounding.

#### **Extinguishing media which must not be used for safety reasons**

Full water jet

#### **Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective suit.

#### **Additional information**

Cool containers at risk with water spray jet.

Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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## **6. Accidental release measures**

#### **Personal precautions**

Use personal protective clothing.

Ensure adequate ventilation.

#### **Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

#### **Methods for cleaning up/taking up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

Shovel into suitable container for disposal.

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## **7. Handling and storage**

### **7.1 Handling**

#### **Advice on safe handling**

Keep container tightly closed.

Handle and open container with care.

#### **Advice on protection against fire and explosion**

No special protective measures against fire required.

### **7.2 Storage**

#### **Requirements for storage rooms and vessels**

Keep container tightly closed in a dry, cool and well-ventilated place.

Do not use aluminium or light metal containers for warehousing.

Keep from freezing.

#### **Advice on storage compatibility**

Gives off hydrogen by reaction with metals.

Corroses base metals.

Do not store with acids.

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**Further information on storage conditions**

Keep away from food, drink and animal feeding stuffs.

**Storageclass (VCI) :**

8 B

**8. Exposure controls/personal protection****8.1 Exposure limit values****Exposure limits (EH40)**

CAS No.	Substance	ml/m <sup>3</sup>	mg/m <sup>3</sup>	F/ml	Category	Origin
1310-58-3	Potassium hydroxide	-	-		TWA (8 h)	WEL
	Potassium hydroxide	-	2		STEL (15 min)	WEL

**8.2 Exposure controls****Occupational exposure controls**

Ensure adequate ventilation, especially in confined areas.

**Protective and hygiene measures**

Wash hands before breaks and immediately after handling the product.

Treat subsequently with skin cream.

When using, do not eat, drink or smoke.

Remove and wash contaminated clothes before re-use.

**Respiratory protection**

No personal respiratory protective equipment normally required.

**Hand protection**

Protective gloves resistant to chemicals made off natural-rubber latex, Minimum coat thickness 0.6 mm, Permeation resistance (wear duration) approx. 480 minutes, i.e. protective glove <Lapren 706> made by [www.kcl.de](http://www.kcl.de).

This recommendation refers exclusively to the chemical compatibility and the lab test conforming to EN 374 carried out under lab conditions.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

**Eye protection**

Tightly fitting goggles

Eye wash bottle with pure water.

**Skin protection**

Long sleeved clothing.

**9. Physical and chemical properties****9.1 General information**

Physical state : Liquid

Colour : Various

Odour : Soft

**9.2 Important health, safety and environmental information**

pH-Value (at 20 °C) :

12 - 13

Test method

**Changes in the physical state**

Boiling point :

100 °C

Flash point :

n.a.

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#### Flammability

Lower explosion limits : n.a.  
Ignition temperature : n.a.  
Density (at 20 °C) : 1,0 - 1,1 g/cm<sup>3</sup>  
Water solubility : Miscible  
at (20 °C)

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#### 10. Stability and reactivity

##### Conditions to avoid

Strong exothermic reaction with acids.

##### Materials to avoid

Metals

Acids

##### Hazardous decomposition products

Gives off hydrogen by reaction with metals.

##### Additional information

No decomposition if stored and applied as directed.

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#### 11. Toxicological information

##### Empirical data on effects on humans

The product causes burns of eyes, skin and mucous membranes.

Hazard of gastric perforation.

Liquid product causes severe burns, irritation of digestive system and bad healing sores.

Inhalation of mist causes irritation of respiratory system.

Risk of serious damage to eyes.

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#### 12. Ecological information

##### Additional information

Do not flush into surface water or sanitary sewer system.

Slightly water hazardous.

A pH-change becomes possible in waters.

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#### 13. Disposal considerations

##### Advice on disposal

Can be landfilled after chemical and physical treatment, when in compliance with local regulations.

Where possible recycling is preferred to disposal.

##### Waste disposal number of waste from residues/unused products :

070601 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; aqueous washing liquids and mother liquors

Classified as hazardous waste.

##### Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

Packaging that cannot be cleaned should be disposed of like the product.

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## 14. Transport information

### Land transport (ADR/RID)

ADR/RID class : 8  
Hazard-no. : 80  
UN number : 1824  
Hazard label : 8  
ADR/RID packing group : II

### **Description of the goods**

Sodium hydroxide solution

### **Remarks (land transport)**

LQ 22: combination packaging: 1 l / 30 kg (total gross mass); trays: 0,5 l / 20 kg (total gross mass).

### Inland waterways transport

#### Marine transport

IMDG code : 8  
UN number : 1824  
Marine pollutant : No  
EmS : F-A; S-B  
IMDG packing group : II  
Hazard label : 8

### **Description of the goods**

SODIUM HYDROXIDE, SOLUTION

#### Air transport

ICAO/IATA-DGR : 8  
UN/ID number : 1824  
Hazard label : 8  
IATA-packing instructions - Passenger : 809  
IATA-max. quantity - Passenger : 813  
IATA-packing instructions - Cargo : 1 L  
IATA-max. quantity - Cargo : 30 L  
ICAO packing group : II

### **Description of the goods**

SODIUM HYDROXIDE SOLUTION

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## 15. Regulatory information

### 15.1 Labelling

Indication of danger : C - Corrosive

Labelling according to EC-guidelines : According to the EC hazardous substance regulations in compliance with the EC cosmetic product regulations this product must not be labelled as a hazardous substance.

According to ruling EC Directives the product must be labelled as hazardous substance as follows:

### **Hazardous component(s) to be indicated on label**

Sodium hydroxide

### **R phrases :**

34 Causes burns.

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#### S phrases :

- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
37/39 Wear suitable gloves and eye/face protection.  
45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

#### Additional information on EC regulations

Classification and labelling according to paragraph 3.2.5 of Annex VI to Directive 67/548/EEC (pH value).

#### 15.2 National regulations

Water contaminating class : 1 - slightly water contaminating  
1999/13/EC (VOC) : 0 %

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### 16. Other information

#### List of relevant R phrases

- 22 Harmful if swallowed.  
34 Causes burns.  
35 Causes severe burns.

#### Other data

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product (s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

"(n.a. = not applicable; n.d. = not determined)"

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*