



## MATERIAL SAFETY DATA SHEET

### Section 1 – Product and Company Identification

<b>Material name</b>	<b>Salerm Relaxer Normal Cream</b>
MSDS#	ART. 372
Revision date	20-apr-2006
CAS#	Mixture
Product use	Hair relaxer
Company information	SALERM COSMETICA PROFESIONAL SA Pza. Victor Martinez 08185 Lliça de Vall BARCELONA Spain
Emergency	U.S.A. Emergency telephone 01 973 745 0410 SPAIN Emergency telephone 0034 93 860 8130
General information	Business telephone 0034 93 860 8111

### Section 2 – hazards identification

#### Route(s) of entry

Inhalation:	Yes
Ingestion:	Yes
Skin:	Yes

#### Signs and Symptoms of Exposure

Burning to eyes ( Risk of serious damage to eyes)

Avoid contact with the skin. Causes skin burns

Do not breathe gas/fumes/vapour/spray. Irritating to respiratory system.

Do not ingest. Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract. Irritating to mouth, throat, and stomach.

**Carcinogenicity(NTP):** No

**Carcinogenicity(IARC):** No

**Carcinogenicity(OSHA):** No

## Section 3- Composition/ Information on Ingredients

Chemical Identity	CAS Numbers	Approx %
SODIUM HYDROXIDE	1310-73-2	< 2,5
Non-hazardous and other components below reportable levels		> 90

## Section 4- First Aid Measures

**Eye Contact:** Rinse well with plenty of running water for at least 20 minutes. Seek medical attention if irritation persists.

**Skin Contact:** Soap and water can be used to remove the product from the skin. If skin irritation persists, call a physician

**Ingestion:** Do not induce vomiting. Clean mouth with water and drink afterwards plenty of water. Call a Physician or Poison Control Center immediately. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Do not use mouth-to-mouth method if victim ingested the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

**Inhalation:** Move to fresh air. In case of difficulty in breathing, seek medical advice.

## Section 5- Fire-Fighting Measures

**Suitable Extinguishing Media:** Water Spray; Foam; Carbon Dioxide; Dry Chemical

**Special exposure hazards arising from chemical:** Contact with combustible material may cause fire. The release of the following substances is possible in a fire: Nitrogen oxides (NO<sub>x</sub>), Sulphur oxides, Ammonia, Ozone, Carbon oxides.

**Special protective equipment for fire-fighters:** Wear self-contained breathing apparatus and protective suit.

**Additional information:** Contaminated extinguishing water and soil must be disposed of in accordance with official regulations.

## Section 6 – Accidental Release Measures

**Personal precautions:** Wear protective clothing. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Keep away from combustible material.

**Environmental precautions:** Prevent further leakage or spillage if safe to do so. Do not contaminate water.

**Methods for cleaning up/taking up:** Take up mechanically and collect in suitable container for disposal. Do not soak up with combustible material, e.g. paper. Small spills can be cleaned up with rags, paper towels or a mop. Cleaning materials and equipment should be rinsed well with water before storage or disposal. Large spills can be picked up with an inert absorbent. Contaminated absorbent should be disposed of

properly. Rinse area with water to remove residual product. Beware of slippery floors.

## Section 7- Handling and Storage

**Handling:** Avoid contact with skin, eyes and clothing. Do not breathe gas /fumes/vapour/spray.

**Storage:** Keep in a dry ,cool place. Keep out of reach of children. Keep container tightly closed. Keep the container dry. Use care in handling/storage. Keep this material away from food, drink and animal feed.

## Section 8 – Exposure Controls and Personal Protection

### Exposure guidelines

#### ACGIH- Threshold Limits Values- Ceilings ( TLV-C)

Sodium Hydroxide 1310-73-2 2 Mg/m3 Ceiling

#### ACGIH- Threshold Limits Values- TLV Basis –Critical Effects

Sodium Hydroxide 1310-73-2 Irritation

#### OSHA-Final PELs-Time Weighted Averages ( TWAs)

Sodium Hydroxide 1310-73-2 2 Mg/m3 TWA

**Engineering controls** Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

## Section 9 – Physical and Chemical Properties

Appearance	Cream
Odour	Characteristic
Specific gravity	1.01-1.03g/ml
Solubility in water	soluble
Melting point	Not known
Boiling point	Not known
pH	12.5 +/-0.5
VOC(weight %)	0 % estimated

## Section 10 – Stability and Reactivity

**Incompatibilities:** Amines, Caustics. Isocyanates. Strong acids. Strong oxidizing agents.

## Section 11- Toxicological Information

**Acute effects** Causes burns. Acute LD50:32783 mg/kg, Rat, Dermal

### Component analysis-LD50

#### Toxicology Data- Selected LD50s and LC50s

Sodium hydroxide 1310-73-2 Dermal LD50 Rabitt: 1350 mg/kg

**Local effects** Irritating to eyes and skin

**Chronic effects** Prolonged exposure may cause chronic effects

## Section 12 – Ecological Information

### Ecotoxicity

Components of this product are hazardous to aquatic life

## Section 13 – Disposal Considerations

### Advice on disposal

This product, in its present state, when discarded or disposed of, is not a hazardous waste according to Federal regulations ( 40 CFR 261.4(b)(4)). Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste.

## Section 14- Transport Information

### ADR

#### Basic shipping requirements:

<b>Proper shipping name:</b>	Corrosive solids, n.o.s.(SODIUM HYDROXIDE )
<b>Hazard class:</b>	8
<b>Un number</b>	1759
<b>Packaging group</b>	III
<b>Transport Category</b>	3

### IATA

#### Basic shipping requirements:

<b>Proper shipping name:</b>	Corrosive solids, n.o.s.(SODIUM HYDROXIDE )
<b>Hazard class:</b>	8
<b>Un number</b>	1759
<b>Packaging group</b>	III
<b>Packaging instructions</b>	822

### ICAO

#### Basic shipping requirements:

<b>Proper shipping name:</b>	Corrosive solids, n.o.s.(SODIUM HYDROXIDE )
<b>Hazard class:</b>	8
<b>Un number</b>	1759
<b>Packaging group</b>	III

### IMDG

#### Basic shipping requirements:

<b>Proper shipping name:</b>	Corrosive solids, n.o.s.(SODIUM HYDROXIDE )
<b>Hazard class:</b>	8
<b>Un number</b>	1759
<b>Packaging group</b>	III

## Section 15 – Regulatory Information

**US federal regulations** This product is a “ Hazardous Chemical” as defined by the OSHA Hazard Communication Standard , 29 CFR 1910.1200

### **FDA-Direct Food Additives**

Sodium Hydroxide 1310-73-2 21 CFR 173.310

### **FDA-Food Additives Generally Recognized as Safe (GRAS)**

Sodium Hydroxide 1310-73-2 21 CFR 184.1763

### **Occupational Safety and Health Administration (OSHA)**

**29 CFR 1910.1200 hazardous chemicals** Yes

**CERCLA (Superfund ) reportable quantity** None

### **Superfund Amendments and Reauthorization Act of 1986 (SARA)**

**Hazard categories** Immediate hazard- Yes  
Delayed Hazard – Yes  
Fire Hazard – No  
Pressure Hazard – No  
Reactivity Hazard – No

**Section 302 extremely hazard substance** No

**Section 311 hazardous chemical** Yes

## Section 16 - Other Information

**List of relevant R phrases** R36/38 irritating to eyes and skin

**Disclaimer** The information presented herein is based on experimental data submitted by the manufacturers of the raw materials and is considered scientifically correct, however, no warranty, expressly implied or otherwise, is made to the accuracy or suitability of this information to the purchaser's intended purpose or for consequences of its use. Use these materials only as directed. For further information concerning product safety and use, call the number listed on the front of the MSDS.

This Material Safety Data Sheet cancels and replaces any previous edition.