

PRODUCT INFORMATION

Product Name **KLIMAN NATURAL**
Description Scented liquid detergent for hand hygiene - dermatologically tested
Intended use Cosmetics, personal care products

COMPANY INFORMATION

Name **FIRMA SRL**
Full address **VIA PER MODENA, 28**
District and Country **42015 CORREGGIO (RE)**
Phone numbers **tel. 0522 691880 fax 0522 631277 info@firmachimica.it**
More information can be requested at : **laboratorio@firmachimica.it**

COMPOSITION /INGREDIENTS INFORMATION

Complete list of ingredients in accordance with Regulation 1223/2009 on cosmetic products:
Aqua, Sodium Laureth Sulphate, Corylus avellana shell powder, Acrylates Copolymer, Sodium dodecylbenzenesulfonate, Laureth-4, Sodium C12-18 alkyl sulfate, Cocamide-DEA, Glycerin, Cocamidopropyl Betaine, Citric Acid, Parfum (fragrance), Methylchloroisothiazolinone, Methylisothiazolinone, Magnesium nitrate, CI 77891.

METHOD OF USE AND WARNINGS

Take a dose of product using the special dispenser, distribute evenly on the hands dry, massaging, then rinse thoroughly.

FIRST AID MEASURES

Involuntary contact with eyes: remove any contact lenses, rinse immediately with plenty of lukewarm water;
if irritation persists, consult a doctor. Involuntary ingestion of large quantities of product: do not induce vomiting. Consult a Poison Control Center or a doctor. Skin contact with product: product indicated for use on the skin.

FIREFIGHTING MEASURES

Non flammable product. In case of fire, use water spray, dry chemical, carbon dioxide.

MEASURES IN CASE OF ACCIDENTAL LOSS OF THE PRODUCT

Collect the spilled product with sand, sawdust or rags, convey into suitable containers for disposal according to the regulations. Wash contaminated areas with plenty of water. Never return spilled product to the original container. Never reuse spilled product.

HANDLING AND STORAGE

Handling: carefully follow the instructions on the product packaging.

Avoid any kind of use not foreseen by the instructions.

Avoid mixing with other products or similar products or with different substances not provided for in the specific instructions.

Never return the spilled product to the original containers for a new use.

Once the package has been opened, use the product within the period shown on the label.

Keep the products out of the reach of children. Close the container tightly after use.

Store in a dry and well-ventilated place away from flames, heat sources or electrical appliances in operation. Do not smoke during use.

EXPOSURE CONTROLS / PERSONAL PROTECTION

The work environment must be adequately ventilated, possibly with mechanical air exchange (Art. 224 and Annex IV to Legislative Decree 81/08).

The points where emissions of vapors, gases or dusts, or spills of substances may occur, must be set up in distinct areas, equipped with localized extraction systems or collection systems (Annex IV to Legislative Decree 81/08).

In the event that the Employer identifies risks that cannot be avoided by other means, he is required to make available to workers adequate Personal Protective Equipment (PPE) (Art. 75 and 225 of Legislative Decree 81/08), in compliance with the envisaged standards.

The use of PPE provided by the Employer is mandatory (Art. 20 and 78 of Legislative Decree 81/08).

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	creamy liquid
Colore	hazelnut
Odore	floral-fruity scented note
pH	5,5
PAO	12 months
Solubility	completely miscible in water

STABILITY AND REACTIVITY

Stable product at room temperature.

TOXICOLOGICAL INFORMATION

Irritating to eyes (in case of contact). If ingested it can cause irritation to the gastrointestinal system

The need to subject workers to a health surveillance program (pre-hiring and periodic visits) must be assessed by the Competent Doctor on the basis of the risk assessment document and specific knowledge (Art. 41 and 42 of Legislative Decree 81/08, last modified by Legislative Decree 3 August 2009, n. 106). Workers are obliged to undergo health surveillance prescribed by the competent doctor (Article 20 of Legislative Decree 81/08).

Any health hazards of the product have been assessed on the basis of the properties of the substances contained

Cocamidopropyl betaine

LD50 (Oral)	> 2335 mg/kg
LD50 (Cutaneous)	> 2000 mg/kg

Citric Acid

LD50 (Oral)	5400 mg/kg mouse
LD50 (Cutaneous)	> 2000 mg/kg rat

Alcoli etossilati, solfatati, sodici

LD50 (Oral)	> 2000 mg/kg rat
LD50 (Cutaneous)	> 2000 mg/kg rat

ECOLOGICAL INFORMATION

The product does not contain substances considered particularly dangerous for the environment, in any case use according to good working practices, avoiding dispersing the product in the environment.

Notify the competent authorities if the product has reached waterways or if it has contaminated the soil or vegetation.

Eco-toxicological data are reported for the most representative component

Cocamidopropyl betaine

LC50 - Fish	1,1 mg/l/96h
EC50 - Crustaceans	1,9 mg/l/48h
EC50 - Algae / Aquatic plants	> 1,5 mg/l/72h
NOEC Cronic Fish	0,135 mg/l
NOEC Cronic Crustaceans	> 0,32 mg/l
NOEC Cronic Algae / Aquatic plants	0,3 mg/l

Citric Acid

LC50 - Fish

EC50 - Crustaceans

440 mg/l/48h *Leuciscus idus melanotus*1535 mg/l/24h *Daphnia magna***Alcoli etossilati, solfatatati, sodici**

LC50 - Fish

EC50 - Crustaceans

EC50 - Algae / Aquatic plants

NOEC Cronic Fish

NOEC Cronic Crustaceans

NOEC Cronic Algae / Aquatic plants

> 1 mg/l/96h *Brachydanio rerio*> 1 mg/l/48h *Daphnia magna*> 10 mg/l/72h *Desmodesmus subspicatus*0,14 mg/l/28d *Oncorhynchus mykiss*0,27 mg/l/21d *Daphnia magna*0,93 mg/l *Desmodesmus subspicatus***DISPOSAL CONSIDERATIONS**

Product residues are to be considered special hazardous waste.

The dangerousness of the waste that partially contains this product must be assessed on the basis of the laws in force.

Disposal must be entrusted to an authorized waste management company, in compliance with national and possibly local regulations.

Contaminated packaging must be sent for recovery or disposal in compliance with national waste management regulations.

TRANSPORT INFORMATION

The transport of chemical products must be carried out in accordance with current regulations of the highway code and if they contain substances considered dangerous for transport, in accordance with the current regulations ADR / RID (road and rail transport) IMDG (transport by sea) and IATA (airplane transport).

KLIMAN NATURAL is not to be considered dangerous under the current provisions on the transport of dangerous goods by road (A.D.R), by rail (RID), by sea (IMDG Code) and by air (IATA).

REGULATORY INFORMATION

The finished cosmetic products are manufactured and marketed in compliance with Regulation 1223/2009 and subsequent amendments / additions. Finished cosmetic products are specifically excluded from the scope of EC Reg. 1272/2008 (CLP) Art. 1, point 5, letter c.

OTHERS INFORMATION

For healthy emergencies and urgent information, please contact :

Poison Control Centre of Milano 02 66101029 (CAV Hospital Niguarda Ca` Granda -Milano) (H24)
Poison Control Centre of Pavia 0382 24444 (CAV IRCCS Foundation Maugeri - Pavia)
Poison Control Centre of Bergamo 800 883300 (CAV Reunited Hospital -Bergamo)

Poison Control Centre of Firenze 055 7947819 (CAV Ospedale Careggi - Firenze)
Poison Control Centre of Roma 06 3054343 (CAV General Hospital Gemelli - Roma)
Poison Control Centre of Roma 06 49978000 (CAV General Hospital Umberto I -Roma)
Poison Control Centre of Napoli 081 7472870 (CAV Hospital Cardarelli -Napoli)
Poison Control Centre of Roma 06.6859.3726 (CAV Pediatric Hospital Bambino Gesù)
Poison Control Centre of di Foggia 800.183.459 (CAV Univeristy Hospital Company di Foggia)
Poison Control Centre of Verona 800.011.858 (CAV del Veneto)

Emergency number FIRMA SRL 0522 691880 Office hours: 08.30 - 12.30, 14.00 - 18.00
Emergency number FIRMA SRL 0522 036427 other hours – laboratorio@firmachimica.it

The information contained in this sheet is based on the knowledge available to us at the date of the latest version.

This Information Sheet is an information tool on hygiene and safety, drawn up to help employers comply with the obligations of Legislative Decree 81/08. In fact, the professional user is protected by Legislative Decree 81/08 and subsequent amendments and additions, which requires the employer to carry out an assessment of the risks for the safety and health of workers (Article 28 of Legislative Decree 81 / 08). The aforementioned decree defines (Title IX, art.222) as dangerous chemical agents, not only the substances and mixtures that correspond to the classification criteria of the relevant standards, but also those agents that may pose a risk to the safety and health of workers due to their physico-chemical, chemical or toxicological properties and the way they are used or present in the workplace, including chemicals that have been assigned an exposure limit value

This Sheet is not to be considered a Safety Data Sheet as:

- finished cosmetic products are excluded from Regulation (EC) 1907/2006 (REACH) as regards the obligation relating to safety data sheets (Articles 31 and 32);
- finished cosmetic products are totally excluded from the field of application of Regulation 1272/2008 (CLP), as previously provided for by Directive 1999/45 / EC on dangerous preparations, and as such are excluded from the obligation of classification and labeling of danger and the provisions relating to safety data sheets