



SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Identification of the substance or preparation:

Name: STICK LD33.
Product code: 18000 A 18006.

Company/undertaking identification:

Registered company name: PRESI S.A.
Address: 1665 Route Napoléon - Tavernolles.38320.BRIE ET ANGONNES.France.
Telephone: +33 (0)4.76.72.00.21. Fax:+33 (0)4.76.72.05.84. Telex:.
presi@presi.com
www.presi.com

Emergency telephone: +33 (0)1.45.42.59.59.

Association/Organisation: INRS / ORFILA <http://www.centres-antipoison.net>.

Use of the substance/preparation:

Paste for polishing or grinding

2 - HAZARDS IDENTIFICATION

This product is not classed as flammable. Refer to the recommendations regarding the other products present on the site
Possibility of serious lesions to the eyes.

3 - COMPOSITION/INFORMATION ON INGREDIENTS

Full text of risk phrases appearing in section 3: see section 16.

Hazardous substances present on their own:

(present in the preparation at a sufficient concentration to give it the toxicological characteristics it would have in a 100% pure state)
This preparation contains no hazardous substance in this category.

Other substances representing a hazard:

INDEX	CAS	EC	Name	Symb.	R:	%
57_10_3	57-10-3	200-312-9	PALMITIC ACID	Xi	36/38	2.5 <= x % < 10
57_11_4	57-11-4	200-313-4	STEARIC ACID	Xi	11 36/37/38	2.5 <= x % < 10
68131_40_8	68131-40-8		SOFTANOL 120	Xn	41 22	25 <= x % < 50

Substances present at a concentration below the minimum danger threshold:

No known substance in this category present.

Other substances with occupational exposure limits:

INDEX	CAS	EC	Name	Symb.	R:	%
56_81_5	56-81-5	200-289-5	GLYCEROL			2.5 <= x % < 10

4 - FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.
NEVER induce swallowing in an unconscious person.

In the event of exposure by inhalation:

If a large quantity is inhaled, move the patient into the fresh air and keep him/her warm and still.

In the event of splashes or contact with eyes:

Wash thoroughly with soft, clean water for 15 minutes holding the eyelids open.
Refer the patient to an ophthalmologist, in particular if there is any redness, pain or visual impairment.
If there is any redness, pain or visual impairment, consult an ophthalmologist.



In the event of splashes or contact with skin:

Remove contaminated clothing and wash the skin thoroughly with soap and water or a recognised cleaner.
DO NOT use solvents or thinners.

In the event of swallowing:

In the event of swallowing, if the quantity is small (no more than one mouthful), rinse the mouth with water and consult a doctor.
Do not induce vomiting without medical advice

5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Water, foam, sand, powder or CO₂, according to the surrounding materials

Special protective equipment for fire-fighters:

A release of toxic smokes is possible. Use a respiratory system

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

Incomplete combustion produces toxic gases, such as CO, CO₂, various forms of hydrocarbons, aldehydes, etc..., and soots

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:

Consult the safety measures listed under headings 7 and 8.

Environmental precautions:

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal.
Prevent any material from entering drains or waterways.

Methods for cleaning up:

Clean preferably with a detergent, do not use solvents.
Cleaning with water
Contaminated surfaces will be extremely slippery

7 - HANDLING AND STORAGE

The regulations relating to storage premises apply to workshops where the product is handled.

Handling:

Handle in well-ventilated areas.

Recommended equipment and procedures:

For personal safety, see §8.
Product must not come into contact with the eyes

Storage:

Stock between 5°C and 40°C
Keep the container tightly closed in a cool, well ventilated place
Keep the container away from dampness

8 - EXPOSURE CONTROLS/PERSONAL PROTECTION



Use personal protection equipment as per Directive 89/686/EEC.

Technical measures:

Ensure adequate ventilation, if possible with extractor fans at work posts and appropriate general extraction.
If this ventilation is insufficient to maintain the concentration of solvent vapors below the exposure limits, wear breathing apparatus

Exposure limit values per INRS ED 984:

ACGIH(TLV)	TWA-ppm:	TWA-mg/m3:	STEL-ppm:	STEL-mg/m3:	Notes:	Notes:
56-81-5	-	10	-	-	-	-



Exposure limit values (2003-2006):

	UK/WELs	TWA:	STEL:	Ceiling:	Definition:	Criterion:
56-81-5	10 mg/m3	-	-	-	-	-
	USA/OSHA PEL	TWA:	STEL:	Ceiling:	Definition:	Criterion:
56-81-5	5 mg/m3	-	-	-	-	R
	UK/OES	TWA:	STEL:	Ceiling:	Definition:	Criterion:
56-81-5	10 mg/m3	-	-	-	-	-
	ACGIH/TLV	TWA:	STEL:	Ceiling:	Definition:	Criterion:
56-81-5	10 mg/m3	-	-	-	-	-

Respiratory protection:

Where workers encounter concentrations higher than the exposure limits, they must wear suitable, approved masks.

Hand protection:

In the event of prolonged or repeated contact with the hands, use appropriate gloves.

Type of gloves recommended :

- Butyl rubber
- Neoprene

Eye and face protection:

Avoid contact with eyes.

Provide eye washes in workshops where the product is constantly handled

Safety glasses

Skin protection:

To envisage normal working clothes

9 - PHYSICAL AND CHEMICAL PROPERTIES

General information:

Physical state: solid
Odour: Slight

Important health, safety and environmental information:

pH of the substance or preparation: slightly acidic.
When a pH measure is possible, it has a value of: not stated.
Boiling point/boiling range: not relevant.
Flash point interval: Flash point > 60°C
Vapour pressure: not relevant.
Density: > 1
Water solubility: Soluble.

Other information:

melting point/melting range: not relevant.
Self-ignition temperature: 400 °C.
Decomposition point/decomposition range : not relevant.

10 - STABILITY AND REACTIVITY

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and nitrogen oxide

Conditions to avoid:

High temperatures, flames

Materials to avoid:

Incompatible with oxidising agents
Strong acids (exothermy)

Hazardous decomposition products:

Incomplete combustion produces toxic gases, such as CO, CO2, various forms of hydrocarbons, aldehydes, etc..., and soots



11 - TOXICOLOGICAL INFORMATION

Exposure to vapors from solvents contained in the preparation beyond the exposure limits stated may produce effects harmful to health, such as:

Irritation of mucous membrane and respiratory system, kidneys, liver and central nervous system.

Prolonged or repeated contact with the preparation may strip the skin of its natural oil and thus cause non-allergic dermatitis on contact and absorption through the epidermis.

In the event of exposure by inhalation:

Inhalation of vapours may cause irritation of the respiratory system in very susceptible persons

In the event of splashes or contact with eyes:

Irritating to eyes

Classification on the basis of toxicological properties:

Acute toxicity results LD50 oral, rat:	LD50 > 2000 mg/kg
Acute toxicity results LD50 dermal, rat or rabbit:	LD50 > 2000 mg/kg

Other data:

Not carcinogen

12 - ECOLOGICAL INFORMATION

Mobility:

The product is not volatile; it is soluble partly in water

It evaporates slowly if released into the soil

Persistence and degradability:

The product should be partially or slowly biodegradable

Bioaccumulative potential:

The product should not accumulate in living organisms

Ecotoxicity:

The product should not be harmful for the watery species

Classification on the basis of environmental effects:

LC50 (for fish 96h):	LC50 > 100 mg/l
----------------------	-----------------

13 - DISPOSAL CONSIDERATIONS

Do not pour into drains or waterways.

Waste:

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Respect the local and national regulations

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

Respect the local and national regulations

14 - TRANSPORT INFORMATION

Exempt from transport classification and labelling.

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2007 - IMDG 2006 - ICAO/IATA 2007).

15 - REGULATORY INFORMATION

This preparation was classified in compliance with the directive known as <All preparations> 1999/45/EC and its adaptations

In addition directive 2008/58/EC with the 30° adaptation of directive 67/548/EEC (Hazardous substances) have been taken into account.

This product is not classed as flammable.



Preparation classification:



Irritant.

Contains:

200-312-9	PALMITIC ACID
200-313-4	STEARIC ACID
	SOFTANOL 120

Particular hazards associated with the preparation and safety recommendations:

R 41	Risk of serious damage to eyes.
S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 36/39	Wear suitable protective clothing and eye/face protection.
S 45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S 60	This material and its container must be disposed of as hazardous waste.

16 - OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The product must not be used for any purposes other than those specified under heading 1 without first obtaining written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties

Full text of risk phrases appearing in section 3:

R 11	Highly flammable.
R 22	Harmful if swallowed.
R 36/37/38	Irritating to eyes, respiratory system and skin.
R 36/38	Irritating to eyes and skin.
R 41	Risk of serious damage to eyes.