



MATERIAL SAFETY DATA SHEET

1. Manufacturer identification

Name of product STENGRUND
Type of product Cleaning product
Use For daily use and cleaning, particularly for stone floor .
Producer PLS PRODUKTER AB, Fjärrvärmevägen 2, SE- 541 65 Skövde, Sweden
Tel: +46-500-468850
Internet: www.pls.nu
Kontaktperson: Anders Larsson
Telephone by emergency 112 information of toxinfo
Date 2010-11-25

2. Hazards identification of the preparation

Classification -
Health hazards No health hazards.
Environmental Not harmful
Fire No hazards

3. Composition/information on ingredients

Ingredients with classification:

CAS-NR	EG-nr	Substance	weight%	R-phrase	Code
68603-42-9	271-657-0	Coconut diethanolamide	1- 2	R 36	Xi
107-98-2	203-539-1	1-Methoxy-2-Propanol	5- 10	R10 R 67	

Unclassified ingredients:

CAS-NR	EG-nr	Substance	weight-%
		Fatty acid, rape-oil esters	15- 20
7732-18-2	231-791-2	Water	60-70

4. First aid measures

General In all cases of doubt, or when symptoms persist, seek medical attention.
The product will not give any acute effects.
Ingestion Drink milk or water. Keep at rest. Do not induce vomiting
Inhalation Place in recovery position. Give nothing by mouth.
Eye contact Remove contact lenses. Wash eyes thoroughly with water holding the eyelids apart.
Skin contact Wash skin with soap and water.

5. Fire-fighting measures

Fire No fire hazards. Extinguishing media if fire arise: water spray, CO₂, powders or foam.

6. Accidental release measures

Smaller spillage, rinse with water. Large spillage, collect with non- combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal for local regulations. Refer to protective measures listed in sections 7 and 8.



MATERIAL SAFETY DATA SHEET

7. Handling and storage

Handling Avoid skin and eye contact. Smoking, eating and drinking should be prohibited in application area.

Storage Storage in the original container. Keep closed.

8. Exposure controls/personal protection

Exposure Limits:

	1- Methoxy-2- propanol
STEL	150 ppm
LTEL	100 ppm

Personal protection

Respiratory protection: If workers are exposed to concentration above the exposure limits they must use appropriate certified respirators.

Eye protection: If risk of splash of liquids, use safety eyewear.

Hand protection: For prolonged or repeated handling use simple protection gloves.

9. Physical and chemical properties

Physical state	Uncoloured viscous liquid
Smell	Weak neutral smell
Boiling point (°C)	100
pH	10 in concentrate, ca 8 in working solution
Specific gravity (g/cm³)	1,0
Solubility in water	Soluble
Solubility in organic solvents:	Not soluble

10. Stability and reactivity

Stable under recommended storage and handling conditions. See section 7)

11. Toxicological information

There are no data available on the preparation itself. The preparation has been assessed for following the conventional methods of the effects of The Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly. See chapter 2 and 15 for details.

Toxicological information for chemicals in preparation:

Substance	LD50 Oralt rat (mg/kg bodyweight)
Coconut diethanolamide	2500
1- Methoxy-2-Propanol	5660



MATERIAL SAFETY DATA SHEET

Coconut diethanolamide has been tested for contactallergi by the method of Kligman- Magnussons, but no hazards for sensibility.

12. Ecological information

There are no data available on the preparation itself. The preparation has been assessed and classified as not hazard for environmental.

Ecological information:

Coconut diethanolamide

Biodegradable: 85 % in 10 days according to OECD 301F

Ecotoxicity LC50 (Fish): > 5 mg/l 96 h
EC50 (Green algae): 4,8 mg/l OECD
EC50(Daphia magna): 1,7 mg/l 48 h

1-Methoxy-2-propanol

Biodegradable: Degradable

Ecotoxicity LC50 (Fish, elritsa): 20800 mg/l 96 h
LC50 (Algae): >1000 mg/l 72 h
LC50(Daphia magna): 100 mg/l 48 h

Bioaccumulation

BCF: 0,25b
Log Pow: -0,49/-0,43

Conclusion: Not bio accumulated. Low toxicity for aqueous organics.

13. Disposal considerations

Wastes and emptied containers are to be deposited according to the officials rules.

14. Transport information

Transport in accordance with ADR/DOT for road, RID for rail, IMDG for sea and ICAO/IATA for air transport. No transport hazards

15. Regulatory information

In accordance with requirements of the Classification Packaging and Labelling of Dangerous Substances Regulations. The product is labelled as follows:

Danger classification: None

Fire Hazards

Danger classification; Not flammable

16. Other information

R- phrases, chemicals section 2:
R 10 Flammable



MATERIAL SAFETY DATA SHEET

R 67 Vapours may cause drowsiness and dizziness.

The information of this MSDS is based on the present state of our knowledge and on current federal laws. The product is not to be used for other purpose than those under section 1 without first obtaining written instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this MSDS is meant as a description of the safety requirements of our product, it is not to be considered as a guarantee of the products' properties.