

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)



Trade name : Lana e Delicati. Ullvask
Revision date : 15.03.2016
Print date : 15.03.2016

Version (Revision) : 3.0.0 (2.0.0)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Lana e Delicati. Ullvask Product nr: 23078

1.2 Relevant identified uses of the substance or mixture and uses advised against

Laundry Detergent

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Domus Chemicals SpA

Street : Via Giuseppe Mazzini, 1

Postal code/city : 24066 Pedrengo

Telephone : +39 035661363

Telefax : +39 035665864

Information contact : laboratorio@domuschemicals.it

1.4 Emergency telephone number

POISON CENTER Milano	+39 02 66101029	(CAV Ospedale Niguarda Ca' Granda - Milano)
POISON CENTER Pavia	+39 0382 24444	(CAV IRCCS Fondazione Maugeri - Pavia)
POISON CENTER Firenze	+39 055 7947819	(CAV Ospedale Careggi - Firenze)
POISON CENTER Roma	+39 06 3054343	(CAV Policlinico Gemelli - Roma)
POISON CENTER Roma	+39 06 49978000	(CAV Policlinico Umberto I - Roma)
POISON CENTER Napoli	+39 081 7472870	(CAV Ospedale Cardarelli - Napoli)

<http://apps.who.int/poisoncentres>

SECTION 2: Hazards identification

This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP] according to OECD 437.

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP] according to OECD 437.

2.2 Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Special rules for supplemental label elements for certain mixtures

EUH210 Safety data sheet available on request.

2.3 Other hazards

None

SECTION 3: Composition / information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Hazardous ingredients

BENZENSULFONIC ACID, C10-13-ALKYL DERIVS ., SODIUM SALTS ; REACH registration No. : 01-2119489428-22-xxxx ; EC No. : 270-115-0; CAS No. : 68411-30-3

Weight fraction : $\geq 5 - < 10$ %

Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Skin Irrit. 2 ; H315

ALCOHOL C12-13, ETHOXYLATED (1-5 EO) ; EC No. : 931-954-4; CAS No. : 160901-19-9

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Weight fraction : $\geq 1 - < 3 \%$
Classification 1272/2008 [CLP] : Eye Dam. 1 ; H318 Acute Tox. 4 ; H302 Aquatic Chronic 3 ; H412

Additional information

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

When in doubt or if symptoms are observed, get medical advice.

Following inhalation

Provide fresh air.

In case of skin contact

Wash immediately with: Water

After eye contact

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Not readily combustible.

Extinguishing media: foam, carbon dioxide (CO₂), dry chemical and water fog.

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

Use a breathing apparatus. Wear fully protective suit. Do not breathe fumes from the fire.

5.4 Additional information

Move out of dangerous unprotected persons and unauthorized. Issue staff emergence of suitable protective clothing and breathing apparatus (SCBA) with a full face with forced ventilation. In case of fire or overheating may cause a rise in pressure and may explode.

SECTION 6: Accidental release measures

Directive 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

6.3 Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Collect in closed

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and suitable containers for disposal.

For cleaning up

The contaminated area should be cleaned up immediately with: Water Retain contaminated washing water and dispose it.

6.4 Reference to other sections

None

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Specific requirements or handling rules

Do not breathe gas/fumes/vapour/spray. See section 8.

Advices on general occupational hygiene

Handle with care - avoid bumps, friction and impact.

7.2 Conditions for safe storage, including any incompatibilities

Only use containers specifically approved for the substance/product.

Hints on joint storage

Storage class : 12

Storage class (TRGS 510) : 12

Further information on storage conditions

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

7.3 Specific end use(s)

None

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Personal protection equipment

Work in well-ventilated zones or use proper respiratory protection. When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

Eye/face protection

Glasses with side protection (EN 166).

Skin protection

Hand protection

You must wear protective gloves (EN 374 Chemical Risk). The glove material has to be impermeable and resistant to the product / the substance / the preparation.

Suitable materials with direct and prolonged contact (recommended: protection index 6 corresponding to > 480 minutes permeation time as per EN 374): eg nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinylchloride (0.7 mm) and other.

Breakthrough time of the glove material

The manufacturer of the gloves breakthrough time of the material and respect this indication.

Body protection

Personnel should wear protective clothing and all parts of the body should be washed after contact. Care should be taken in the selection of protective clothing to prevent the inflammation and irritation of the skin of the neck and wrists through such contact with the powder or small quantities.

The body protection must be suitable depending on activity and possible exposure, eg apron, boots and suitable for contact with chemical agents (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

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Respiratory protection

Carry along escape equipment (self rescuer).

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Safety relevant basis data

Aspect			Liquid
Odour :			Characteristic
Melting point/melting range :	<		0 °C
Initial boiling point and boiling range :	(1013 hPa)	>	100 °C
Flash point :			Not flammable
Vapour pressure :	(20 °C)		no data available
Density :	(20 °C)		No data available
Viscosity :	(40 °C)		No data available

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reactions when stored and handled as described in paragraph 7.

10.2 Chemical stability

See section 7. No additional measures necessary.

10.3 Possibility of hazardous reactions

None

10.4 Conditions to avoid

Avoid exposing the product to high temperatures. Keep the product away from open flame.

10.5 Incompatible materials

Strong Acid; Strong Alkalis and Strong oxidizing agents

10.6 Hazardous decomposition products

No ignition, explosion, self-heating or visible decomposition.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

The product does NOT cause eye damage/irritation according to OECD 437.

Acute effects

Acute oral toxicity

Parameter :	LD50 (ALCOHOL C12-13, ETHOXYLATED (1-5 EO) ; CAS No. : 160901-19-9)
Exposure route :	Oral
Species :	Rat
Effective dose :	> 300 - 2000 mg/kg

Acute dermal toxicity

Parameter :	LD50 (ALCOHOL C12-13, ETHOXYLATED (1-5 EO) ; CAS No. : 160901-19-9)
Exposure route :	Dermal
Species :	Rabbit
Effective dose :	> 2000 mg/kg

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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Germ cell mutagenicity Human toxicological data

This mixture does not contain any substances which either present a health or environmental hazard according to directive 67/548/EEC or have an occupational exposure limit assigned.

SECTION 12: Ecological information

Do not allow uncontrolled discharge of product into the environment.

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Parameter : LC50 (ALCOHOL C12-13, ETHOXYLATED (1-5 EO) ; CAS No. : 160901-19-9)
Species : Cyprinus carpio (Common Carp)
Evaluation parameter : Acute (short-term) fish toxicity
Effective dose : > 1 mg/l
Exposure time : 96 h

Acute (short-term) daphnia toxicity

Parameter : EC50 (ALCOHOL C12-13, ETHOXYLATED (1-5 EO) ; CAS No. : 160901-19-9)
Species : Daphnia magna (Big water flea)
Evaluation parameter : Acute (short-term) daphnia toxicity
Effective dose : > 1 mg/l

Acute (short-term) algae toxicity

Parameter : EC50 (ALCOHOL C12-13, ETHOXYLATED (1-5 EO) ; CAS No. : 160901-19-9)
Species : Desmodesmus subspicatus
Evaluation parameter : Acute (short-term) algae toxicity
Effective dose : > 1 mg/l
Exposure time : 72 h

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

12.6 Other adverse effects

No information available.

12.7 Additional ecotoxicological information

None

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Waste treatment options

Appropriate disposal / Product

Dispose according to legislation. Evidence for disposal must be provided.

SECTION 14: Transport information

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14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

None

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation

Directive 67/548/EEC.
Directive 1999/45/EG.
Regulation (EC) No 1907/2006 (REACH).
Regulation (EC) No 1272/2008 (CLP).
Directive 2012/18/UE (Seveso)

National regulations

Technische Anleitung Luft (TA-Luft)

Weight fraction (Number 5.2.5. I) : < 5 %

Water hazard class (WGK)

Class : nwg (Non-hazardous to water) Classification according to VwVwS

Other regulations, restrictions and prohibition regulations

Betriebssicherheitsverordnung (BetrSichV)

No flammable liquid according to BetrSichV.

Substances of very high concern (SVHC) under REACH Art.57: None

Substances subject to authorization under Annex XIV of Regulation (EC) 1907/2006: None

Restrictions relating to the product or contained substances pursuant to Annex XVII to Regulation (EC) 1907/2006: None

Seveso category: None

Healthcare controls.

Workers exposed to this chemical agent to health must undergo health checks according to the provisions of Article. 41 of Legislative Decree no. 81 dated 9 April 2008 unless the risk to the safety and health of the worker has been assessed irrelevant, according to art. 224 paragraph 2.

15.2 Chemical Safety Assessment

No information available.

SECTION 16: Other information

The user is responsible for the observance of all required statutory provisions.

16.1 Indication of changes

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16.2 Abbreviations and acronyms

LEGENDA:

ADR:	Accord européen relative au transport international des marchandises dangereuses par route
ASTM:	ASTM International, (formerly American Society for Testing and Materials (ASTM))
EINECS:	European Inventory of Existing Commercial Chemical Substances
EC50:	Effective Concentration 50
LC50:	Lethal Concentration 50
IC50:	Inhibitor Concentration 50
NOEL:	No Observed Effect Level
DNEL:	Derived No Effect Level
DMEL:	Derived Minimum Effect Level
CLP:	Classification, Labelling and Packaging
CSR:	Chemical Safety Report
LD50:	Lethal Dose 50
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
Codice IMDG:	International Maritime Dangerous Goods code
PBT:	Persistent, bioaccumulative and toxic
RID:	Règlement concernant le transport International ferroviaire des marchandises Dangereuses
STEL:	Short term exposure limit
TLV:	Threshold limit value
TWA:	Time Weighted Average
UE:	European Union
vPvB:	Very persistent very bioaccumulative
N.D.:	No data available.
N.A.:	Not applicable
VwVwS.:	Text of Administrative Regulation on the Classification of Substances hazardous to waters into Water Hazard Classes (Verwaltungsvorschrift wassergefährdende Stoffe – VwVWS)

16.3 Key literature references and sources for data

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities.

SAX` s Dangerous Properties of Industrial Materials - Eight Edition - Van Nostrand Reinold.

ACGIH - Treshold Limit Values - 1999 Edition.

<http://echa.europa.eu>

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification procedure: Calculation Method

This product is classified as not hazardous according to regulation (EC) 1272/2008 [CLP].

16.5 Relevant H- and EUH-phrases (Number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H412	Harmful to aquatic life with long lasting effects.

16.6 Training advice

None

16.7 Additional information

None

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