

Hazardous according to criteria of Australian Safety and Compensation Council.

SECTION 1 : IDENTIFICATION

1.1. Product identifier

Product name : Acouslime 4 in1 (A-J250)

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

No further relevant information available.

Application of the substance / the preparation : Adhesive

1.3. Details of the supplier of the safety data sheet

L&L Products Europe SAS

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ZA Activeum – Altorf

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Tél : +33 (0)3.88.47.95.95

Fax : +33 (0)3.88 49.83.82

contact@llproducts.eu

1.4. Emergency telephone number : 1800 638 556

SECTION 2 : HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 :



Skin Sens. 1 H317 May cause an allergic skin reaction

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms



GHS07

Signal word Warning

Hazard-determining components of labelling:

N-(3-(trimethoxysilyl)propyl)ethylenediamine

Hazard statements

H317 May cause an allergic skin reaction.

Precautionary statements

- P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P363 Wash contaminated clothing before reuse.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Chemical characterisation: Mixtures

Description: Mixture: consisting of the following components.

Dangerous components:		
CAS: 1760-24-3 EINECS: 217-164-6 RTECS: KV 7400000	N-(3-(trimethoxysilyl)propyl)ethylenediamine STOT RE 2, H373; Eye Dam. 1, H318; Acute Tox. 4, H332; Skin Sens. 1, H317	0.7-<1%

SVHC No

Additional information: For the wording of the listed risk phrases, refer to section 16.

SECTION 4 : FIRST AID MEASURES

4.1. Description of first aid measures

General information: No special measures required.

After excessive inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient in a stable laying down side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After eye contact: Rinse opened eye for several minutes under running water.

After swallowing: Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed :

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed :

No further relevant information available.

SECTION 5 : FIREFIGHTING MEASURES

5.1 Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.2 Special hazards arising from the substance or mixture : No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures : Not required.

6.2 Environmental precautions:

Do not allow product to reach sewage system or any water course.
Inform respective authorities in case of seepage into water course or sewage system.

6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Ensure adequate ventilation.

6.4 Reference to other sections :

See Section 7 for information on safe handling.
See Section 8 for information on personal protective equipment.
See Section 13 for disposal information.

SECTION 7 : HANDLING AND STORAGE

7.1 Precautions for safe handling :

No special measures required.
Ensure good ventilation/exhaustion at the workplace.
Information about fire - and explosion protection: No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage:
Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: None.
7.3 Specific end use(s) : No further relevant information available.

SECTION 8 : Exposure controls and personal protection

8.1. Additional information about design of technical facilities:

No further data; see section 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:
The product does not contain any significant quantities of materials with critical values that have to be monitored at the workplace.

DNELs		
CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine		
Dermal	DNEL Public long-term systemic	2.5 mg/kg bw/d
	DNEL Worker long-term systemic	5 mg/kg bw/d
Inhalative	DNEL Worker long-term systemic	35.3 mg/m ³
PNECs		
CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine		
PNEC STP		25 mg/L
PNEC aqua (fresh water)		0.062 mg/L
PNEC aqua (intermittent releases)		0.62 mg/L
PNEC aqua (marine water)		0.0062 mg/L
PNEC sediment (fresh water)		0.22 mg/kg
PNEC sediment (marine water)		0.022 mg/kg
PNEC soil		0.0085 mg/kg

Additional information:

The most current valid lists have been used as a basis for the production of this document.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Immediately remove all soiled and contaminated clothing

Do not inhale gases / fumes / aerosols.

Respiratory protection: Not required.

Protection of hands:



Protective gloves

Gloves material : Butyl rubber, BR

Eye protection: Goggles recommended during refilling

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Pasty

Colour: Brown

Odour: Characteristic

Odour threshold: Not determined.

pH-value: Not determined.

Change in condition

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: Undetermined.

Flash point: Not applicable.

Flammability (solid, gas): Not applicable.

Ignition temperature: Not applicable.

Decomposition temperature: Not determined.

Auto-ignition temperature: Product is not self igniting.

Explosive properties: Product does not present an explosion hazard.

Explosion limits:

Lower: Not determined.

Upper: Not determined.

Vapour pressure: Not determined.

Density at 20 °C: 1.7 g/cm³

Relative density : Not determined.

Vapour density : Not determined.

Evaporation rate : Not determined.

Solubility in / Miscibility with water: Not miscible or difficult to mix.

Segregation coefficient (n-octanol/water): Not determined.

Viscosity:

Dynamic at 20 °C: 17,000-27,000 mPas

Kinematic: Not determined.

9.2. Other information

No further relevant information available.

SECTION 10 : STABILITY AND REACTIVITY

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

Contact with water

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

Carbon monoxide and carbon dioxide

SECTION 11 : TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity Based on available data, the classification criteria are not met.

LD/LC50 values relevant for classification:

CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine

Oral	LD50	2,295 mg/kg (rat)
Dermal	LD50	>2,000 mg/kg (Oryctolagus sp)
Inhalative	LC50/4 h	1.49 mg/l (rat)

Primary irritant effect:

On the skin: Based on available data, the classification criteria are not met.

On the eyes: Based on available data, the classification criteria are not met.

Respiratory or skin sensitization: May cause an allergic skin reaction.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

STOT-single exposure Based on available data, the classification criteria are not met.

STOT-repeated exposure Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12 : ECOLOGICAL INFORMATION

12.1. Toxicity

Aquatic toxicity:	
CAS: 1760-24-3 N-(3-(trimethoxysilyl)propyl)ethylenediamine	
LC50 96h	344 mg/l (fish)
EC50 72h	126 mg/l (SEE)
EC50 48h	81 mg/l (daphnia)

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

Additional ecological information:

General notes: Generally not hazardous for water.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects

No further relevant information available.

SECTION 13 : DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation : Smaller quantities can be disposed of with household waste.

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

14.1 UN number

ADG, ADN, IMDG, IATA Not classified as hazardous for transport

14.2 UN proper shipping name

ADG UN-
ADN, IMDG, IATA Not classified as hazardous for transport

14.3 Transport hazard class(es)

ADG, ADN, IMDG, IATA
Class Not classified as hazardous for transport

14.4 Packing group

ADG, IMDG, IATA Not classified as hazardous for transport

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of

Marpol and the IBC Code Not applicable.
UN "Model Regulation": Not classified as hazardous for transport.

SECTION 15 : REGULATORY INFORMATION

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

Australian Inventory of Chemical Substances

All ingredients are listed.

Standard for the Uniform Scheduling of Medicines and Poisons

None of the ingredients is listed.

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.
15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16 : OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases

- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H373 May cause damage to organs through prolonged or repeated exposure.

Abbreviations and acronyms:

- ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
- IMDG: International Maritime Code for Dangerous Goods
- IATA: International Air Transport Association
- GHS: Globally Harmonised System of Classification and Labelling of Chemicals
- EINECS: European Inventory of Existing Commercial Chemical Substances
- ELINCS: European List of Notified Chemical Substances
- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- DNEL: Derived No-Effect Level (REACH)
- PNEC: Predicted No-Effect Concentration (REACH)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- SVHC: Substances of Very High Concern
- vPvB: Very Persistent and very Bioaccumulative
- Acute Tox. 4: Acute toxicity – Category 4
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1
- Skin Sens. 1: Skin sensitisation – Category 1
- STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2