

Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **AmiMild SLG (Powder)**

Version: 4

Revision: 2022.09.13

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

| | |
|------------|-----------------------------|
| Trade name | AmiMild SLG (Powder) |
| CAS number | 29923-31-7 |

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

| | |
|----------------------|---|
| Recommended Use | SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites SU21 Consumer uses: Private households/general public/consumers SU22 Professional uses |
| Uses advised against | Not determined |

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier
CORUM INC.
6FL., No.360, Rueli Guang Rd.,
Neihu Dist., Taipei 114729, Taiwan
Further information obtainable from
marketing.support@corum.com.tw

1.4 Emergency telephone number

| | |
|----------------------|--|
| Company phone number | CORUM Tel. 886-2-8751-6060 Fax. 886-2-8751-6363 |
|----------------------|--|

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
This substance is not classified according to the CLP regulation

2.2 Label elements

Label according to Regulation (EC) No 1272/2008
Not applicable

2.3 Other hazards

Results of PBT and vPvB assessment
Not applicable

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Chemical characterization: Substance

3.2 Composition/information on ingredients

| INCI Name | Chemical Name | CAS No. | EC No. |
|--------------------------|--|------------|-----------|
| Sodium lauroyl glutamate | Sodium hydrogen N-(1-oxododecyl)-L-glutamate | 29923-31-7 | 249-958-3 |

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information

No special measures required

After inhalation

Inhalation at ambient temperature is unlikely because of the low vapour pressure of the substance.
Supply fresh air; consult doctor in case of complaints.

After skin contact

Generally the product does not irritate the skin.
Remove contaminated clothing and shoes.
Wash off with soap and plenty of water.
If symptoms develop, seek medical attention.

After eye contact

Wash immediately and abundantly with running water for at least 15 minutes, keeping eyes open.
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
Do not use collyriums or ointments before medical checkup.

After swallowing

Do not induce vomiting. Obtain medical attention if symptoms appear.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Eye irritation

4.3 Indication of any immediate medical attention and special treatment needed

Note to physicians

No further relevant information available

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Use fire extinguishing methods suitable to surrounding conditions.

Water, CO₂, foam, chemical powders depending on the materials involved in the fire

Unsuitable extinguishing media

Not determined

5.2 Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

Nitrogen oxides (NO_x)

Carbon monoxide (CO)

5.3 Advice for firefighters

Wear fully protective suit.

Wear self-contained breathing apparatus with facepiece.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing.

6.2 Environmental precautions

Do not allow to enter sewers/surface or ground water.

6.3 Methods and material for containment and cleaning up

Pick up mechanically using appropriate tools.

Clean the area with water.

Dispose of the material collected according to regulations.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precaution for safe handling

Advice on safe handling

The usual precautionary measures are to be adhered to when handling chemicals.

Avoid ingestion, inhalation, skin and eye contact.

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7.2 Conditions for safe storage, including any incompatibilities

| | |
|-------------------------------|---|
| Storage conditions | Store in a well ventilated place, keep far away from sources of heat, bright flames and sparks and other sources of ignition. Protect from heat and direct sunlight. Protect from humidity and water. |
| Incompatible materials | Not determined |
| Storage class (VbF) | No |

7.3 Specific end use(s) No further relevant information available**SECTION 8: EXPOSURECONTROLS/PERSONAL PROTECTION****8.1 Control parameters**

| | |
|-------------------------------|--|
| Exposure limits | The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. |
| DNEL | Not determined |
| PNEC | Not determined |
| Additional information | The valid lists during this review were used as a basis. |

8.2 Exposure controls**Personal protective equipment****Respiration protection** Not necessary if room is well-ventilated**Hands protection** Protective gloves

The glove material has to be impermeable and resistant to the product/the substance/the preparation. Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection Wear tightly sealed goggles.

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| | |
|--|--|
| General protective measure | The usual precautionary measures are to be adhered to when handling chemicals. Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. |
| General hygiene measure | Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin. |
| Environmental exposure controls | Not determined. |

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES
9.1 Information on basic physical and chemical properties

| | |
|---|--|
| Physical State | Solid |
| Appearance | Powder |
| Color | White |
| Odor | Characteristic |
| Odor threshold | Not determined |
| | |
| <u>Property</u> | |
| pH value (200 g/l) at 40 °C | 5,0-6,0 |
| Melting point/Melting range | >150 °C |
| Boiling point/Boiling range | Not determined |
| Flash point | Not applicable |
| Flammability (solid, gaseous) | Product is not flammable. |
| Ignition temperature | Not determined |
| Decomposition temperature | >220 °C (Decomposes before melting) |
| Self-igniting | Not applicable |
| Danger of explosion | Product does not present an explosion hazard. |
| Explosion limit | |
| Lower | Not determined |
| Upper | Not determined |
| Oxidizing properties | Not determined |
| Explosive properties | Not determined |
| Vapor pressure | Estimated value (EPI Suite v4.11, Modified Grain method): At 25 °C: 1,61E-17 mmHg = 2,15E-15 Pa |
| Density | Not determined |
| Vapor density | Not determined |
| Relative density | Not determined |
| Evaporation rate | Not determined |
| Solubility in /Miscibility with water at 40 °C | >200 g/l Water solubility Estimate from log Kow (WSKOW v1.42 - EPI Suite): At 25 °C: 3,786 g/l |
| Partition coefficient (n-octanol/water at 25 °C) | KOWWIN v1.68 estimate: log Kow = 0,24 |
| Kinematic viscosity | Not applicable |
| Dynamic viscosity | Not applicable |

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9.2 Other information

| | |
|------------------------------|----------------|
| Surface tension | Not determined |
| Dissociation constant | Not determined |
| Granulometry | Not determined |
| Molecular weight | Not determined |

SECTION 10: STABILITY AND REACTIVITY
10.1 Reactivity

No dangerous reactions known

10.2 Chemical stability

The product is stable under ordinary condition.

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

No further relevant information available

10.5 Incompatible materials

No further relevant information available

10.6 Hazardous decomposition products

Product does not decompose at normal conditions.

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

| | Effect dose/concentration | Value | Species |
|--|---------------------------|---------------|---------|
| Substance 29923-31-7 Sodium lauroyl glutamate | | | |
| Acute oral toxicity | LD50 | 5500 mg/kg bw | mice |

Primary Irritant effect**Skin corrosion/irritation**No irritant effect
Human Patch test, tested at 35% dilution, 48 hours: non irritant**Serious eye damage/irritation**Irritating effect
HET-CAM Test (in vitro), dilution at 5%: irritating**Respiratory tract**

Not determined

Respiratory/skin sensitization

No sensitizing effects known

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| | |
|--|----------------|
| Toxicokinetics, metabolism and distribution | Not determined |
| Repeated dose toxicity | Not determined |

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

| | |
|-------------------------------|----------------|
| Germ Cell mutagenicity | Not determined |
| Carcinogenicity | Not determined |
| Reproductive toxicity | Not determined |
| STOT-single exposure | Not determined |
| STOT-repeated exposure | Not determined |
| Aspiration hazard | Not determined |

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity****Aquatic toxicity**

No further relevant information available

12.2 Persistence and degradability

Readily biodegradability, test method OECD301C:

Degree of Elimination: >70%

Readily biodegradable

12.3 Bioaccumulative potential

Bioaccumulation Estimates (BCFBAF v3.01 - Epi Suite):

log BCF from regression-based method = 0,500 (BCF= 3,162 L/kg wet-wt)

12.4 Mobility in soil

No further relevant information available

Additional ecological information: Not known to be hazardous to water**12.5 Results of PBT and vPvB assessment**

Not applicable

12.6 Other adverse effects

No further relevant information available

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods****Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Must be specially treated according to official regulations.

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13.2 Uncleaning packaging**Recommendation**

Disposal must be made according to official regulations.

SECTION 14: TRANSPORT INFORMATION**14.1 UN-Number**

| | |
|----------------|----------------|
| ADR/RID | Not applicable |
| ADN | Not applicable |
| IMDG | Not applicable |
| IATA | Not applicable |

14.2 UN proper shipping name

| | |
|----------------|----------------|
| ADR/RID | Not applicable |
| ADN | Not applicable |
| IMDG | Not applicable |
| IATA | Not applicable |

14.3 Transport hazard class(es)

| | |
|----------------|----------------|
| ADR/RID | Not applicable |
| ADN | Not applicable |
| IMDG | Not applicable |
| IATA | Not applicable |

14.4 Packing group

| | |
|----------------|----------------|
| ADR/RID | Not applicable |
| ADN | Not applicable |
| IMDG | Not applicable |
| IATA | Not applicable |

14.5 Environmental hazard**Marine pollutant** No**14.6 Special precautions for user****Special precaution for user** Not applicable**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable

14.8 ICAO/IATA – DGR

Not regulated as dangerous good

SECTION 15: REGULATORY INFORMATION**15.1 Safe, health and environmental regulations/legislation specific for the substance or mixture****Inventory - United States - Toxic Substances Control Act (TSCA)**

Substance is listed.

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Canada Domestic Substances List (DSL)

Substance is not listed.

Canada Non-Domestic Substances List (NDSL)

Substance is listed.

European Inventory of Existing Chemical Substances (EINECS)

Substance is listed.

Japan Existing and New Chemical Substances (ENCS)

Substance is listed.

China Inventory of Existing Chemical Substance (IECSC)

Substance is listed.

Korean Existing and Evaluated Chemical Substances (KECL)

Substance is listed.

Philippines Inventory of Chemicals and Chemical Substances (PICCS)

Substance is listed.

Australian Inventory of Chemical Substances (AICS)

Substance is listed.

New Zealand Inventory of Chemicals

Substance is listed.

TCSI - Taiwan Chemical Substance Inventory

Substance is listed.

OECD - List of High Production Volume Chemicals

Substance is not listed.

DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II

Substance is not listed.

REGULATION (EU) 2019/1148**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

Substance is not listed.

Annex II - REPORTABLE EXPLOSIVES PRECURSORS

Substance is not listed.

National regulations**Other regulations, limitations and prohibitive regulations**

Not determined

Substances of very high concern (SVHC) according to REACH, Article 59(10)

Not determined

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out.

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SECTION 16: OTHER INFORMATION

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Abbreviations and acronyms

NOAEL: Non Observed Adverse Effect Level

LOAEL: Lowest Observed Adverse Effect Level

NOEC: No Observed Effect Concentration

GHS: Globally Harmonized System of Classification and Labeling Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstract Service (division of the American Chemical Society)

VbF: Ordinance on the storage of combustible liquids, Austria

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

SVHC: Substances of Very High Concern

PBT: Persistent Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

STOT: Specific Target Organ Toxicity

ADR: Agreement on Dangerous Goods by Road

RID: Regulations concerning the Intl Transport of Dangerous Goods by Rail

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Dangerous Goods

IATA: International Air Transport Association

Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2

Sources

Own data from manufacture

Hazardous Substances Data Bank (HSDB), a database of the National Library of Medicine's

TOXNET system (<http://toxnet.nlm.nih.gov>)

Chemical safety report according to REACH registration dossier