

# Safety Data Sheet

according to 1907/2006/EC, Article 31, (Commission Regulation (EU) 2020/878)

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

Version: 6

Revision: 2023.05.29

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

### 1.1 Product identifier

Trade name	<b>AmiMild SLG (Powder)</b>
CAS number	<b>29923-31-7</b>

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

<b>Recommended Use</b>	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
<b>Uses advised against</b>	Not determined

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier**  
CORUM INC.  
6FL., No.360, Ruei Guang Rd.,  
Neihu Dist., Taipei 114729, Taiwan  
**Further information obtainable from**  
[marketing.support@corum.com.tw](mailto:marketing.support@corum.com.tw)

### 1.4 Emergency telephone number

<b>Company phone number</b>	CORUM Tel. 886-2-8751-6060 Fax. 886-2-8751-6363
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## SECTION 2: HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**  
Eye Irrit. 2                      H319 Causes serious eye irritation.

### 2.2 Label elements

**Label according to Regulation (EC) No 1272/2008**  
The substance is classified and labelled according to the CLP regulation.

#### **Hazard pictograms**



GHS07

#### **Signal word**

Warning

#### **Hazard statements**

H319 Causes serious eye irritation.

#### **Precautionary statements**

P280                      Wear protective gloves/protective clothing/eye protection/face protection.

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P264 Wash thoroughly after handling.  
 P302+P352 IF ON SKIN: Wash with plenty of water  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337+P313 If eye irritation persists: Get medical advice/attention.

## 2.3 Other hazards

### Results of PBT and vPvB assessment

#### PBT:

Based on available data, the ingredients of this mixture do not meet the PBT criteria (not PBT) according to (EC) 1907/2006, Annex XIII.

#### vPvB:

Based on available data, the ingredients of this mixture do not meet the vPvB criteria (not vPvB) according to (EC) 1907/2006, Annex XIII.

### Determination of endocrine-disrupting properties

The product does not contain ingredients with endocrine-disrupting properties for humans.

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Composition/information on ingredients

Name	Chemical name	Identification	Classification	SCLs, M-Factors	Concentration (% w/w)
<b>Sodium lauroyl glutamate</b>	Sodium hydrogen N-(1-oxododecyl)-L-glutamate	(CAS No.) 29923-31-7 (EC No.) 249-958-3	Eye Irrit. 2 H319	--	100%

### 3.2 Mixtures

Not applicable

## 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; seek medical advice if symptoms persist.

#### 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

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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, CO<sub>2</sub>, 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<sub>x</sub>)

Carbon monoxide (CO)

#### **5.3 Advice for firefighters**

##### **Protective equipment:**

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.

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## 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.

#### Information about fire - and explosion protection:

No special measures required.

### 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

#### Requirements to be met by storerooms and receptacles

No special measures required.

#### Information about storage in 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/PERSONAL PROTECTION

### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the workplace

#### 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

#### Appropriate engineering controls

Ensure that eyewash and safety showers are in close proximity to work location. Good general ventilation is recommended for handling the product. No further data; see section 7.

#### Individual protection measures, such as personal protective equipment

#### General protective and hygienic measures

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Avoid contact with the eyes and skin. Wash hands before breaks and at the end of work.

## 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 General protective measure

Wear tightly sealed goggles.

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

<b>Physical State</b>	Solid
<b>Appearance</b>	Powder
<b>Color</b>	White
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not determined

#### Property

<b>pH value (200 g/l) at 40 °C</b>	5,0-6,0
<b>Melting point/Melting range</b>	>150 °C
<b>Boiling point/Boiling range</b>	Not determined
<b>Flash point</b>	Not applicable
<b>Flammability (solid, gaseous)</b>	Product is not flammable.

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<b>Ignition temperature</b>	Not determined
<b>Decomposition temperature</b>	>220 °C (Decomposes before melting)
<b>Self-igniting</b>	Not applicable
<b>Danger of explosion</b>	Product does not present an explosion hazard.
<b>Explosion limit</b>	
<b>Lower</b>	Not determined
<b>Upper</b>	Not determined
<b>Oxidizing properties</b>	Not determined
<b>Explosive properties</b>	Not determined
<b>Vapor pressure</b>	Estimated value (EPI Suite v4.11, Modified Grain method): At 25 °C: 1,61E-17 mmHg = 2,15E-15 Pa
<b>Density</b>	Not determined
<b>Vapor density</b>	Not determined
<b>Relative density</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Solubility in /Miscibility with water at 40 °C</b>	>200 g/l Water solubility Estimate from log Kow (WSKOW v1.42 - EPI Suite): At 25 °C: 3,786 g/l
<b>Partition coefficient (n-octanol/water at 25 °C)</b>	KOWWIN v1.68 estimate: log Kow = 0,24
<b>Kinematic viscosity</b>	Not applicable
<b>Dynamic viscosity</b>	Not applicable

## 9.2 Other information

<b>Surface tension</b>	Void
<b>Dissociation constant</b>	Void
<b>Granulometry</b>	Void
<b>Molecular weight</b>	Void

### Information with regard to physical hazard classes

<b>Explosives</b>	Void
<b>Flammable Gases and Chemically Unstable Gases</b>	Void
<b>Flammable Aerosols</b>	Void
<b>Oxidising Gases</b>	Void
<b>Gases Under Pressure</b>	Void
<b>Flammable Liquids</b>	Void
<b>Flammable Solids</b>	Void
<b>Self-reactive Substances and Mixtures</b>	Void
<b>Pyrophoric Liquids</b>	Void
<b>Pyrophoric Solids</b>	Void
<b>Self-heating Substances and Mixtures</b>	Void
<b>Substances and Mixtures which in contact with water emit flammable gases</b>	Void
<b>Oxidising Liquids</b>	Void
<b>Oxidising Solids</b>	Void
<b>Organic Peroxides</b>	Void
<b>Substances and Mixtures corrosive to Metals</b>	Void
<b>Desensitized Explosives</b>	Void

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## 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
<b>Substance 29923-31-7 Sodium lauroyl glutamate</b>			
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

##### **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

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<b>Reproductive toxicity</b>	Not determined
<b>STOT-single exposure</b>	Not determined
<b>STOT-repeated exposure</b>	Not determined
<b>Aspiration hazard</b>	Not determined

## 11.2 Information on other hazards

**Endocrine disrupting properties** Substance is not listed

## 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

**PBT:** Not applicable.

**vPvB:** Not applicable

### 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

### 12.7 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.

**European waste catalogue  
HP4**

Irritant - skin irritation and eye damage



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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 or ID 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
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### 14.6 Special precautions for user

Special precaution for user	Not applicable
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### 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

### 14.9 Maritime transport in bulk according to

IMO instruments	Not applicable
UN "Model Regulation"	Not applicable

## SECTION 15: REGULATORY INFORMATION

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

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**Inventory - Canada - Domestic Substances List (DSL)**

29923-31-7 L-Glutamic acid, N-(1-oxododecyl)-, sodium salt (1:1)

**Inventory -Canada Domestic Substances List (DSL)**

Substance is not listed

**Canada Non-Domestic Substances List (NDSL)**

29923-31-7 Sodium hydrogen N-(1-oxododecyl)-L-glutamate

**European Inventory of Existing Chemical Substances (EINECS)**

29923-31-7 Sodium hydrogen N-(1-oxododecyl)-L-glutamate

**Japan Existing and New Chemical Substances (ENCS)**

29923-31-7 Sodium hydrogen N-(1-oxododecyl)-L-glutamate

**Inventory of Existing Chemical Substances in China (IECSC)**

29923-31-7 L-Glutamic acid,N-(1-oxododecyl)-,monosodium salt

**Inventory - Korean Existing and Evaluated Chemical Substances (KECL)**

29923-31-7 N-(1-Oxodecyl)-L-glutamic acid monosodium salt; Sodium N-lauroyl-L-glutamate

**Philippines Inventory of Chemicals and Chemical Substances (PICCS)**

29923-31-7 L-Glutamic acid, N-(1-oxododecyl)-, monosodium salt

**Australian Inventory of Industrial Chemicals (AIIC)**

29923-31-7 L-Glutamic acid, N-(1-oxododecyl)-, monosodium salt

**New Zealand Inventory of Chemicals**

29923-31-7 L-Glutamic acid, N-(1-oxododecyl)-, monosodium salt

**TCSI - Taiwan Chemical Substance Inventory**

29923-31-7 sodium hydrogen N-(1-oxododecyl)-L-glutamate

**OECD - List of High Production Volume Chemicals**

Substance is not listed

**Directive 2004/42/EC**

**Seveso category**

Substance is not listed

**REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3**

**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

**Regulation (EC) No 273/2004 on drug precursors**

Substance is not listed

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**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

Substance is not listed

**REGULATION (EC) No 1005/2009 on substances that deplete the ozone layer - ANNEX I (Ozonedepleting potential)**

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.

## 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