

# Safety Data Sheet

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

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

Version: 7

Revision: 2023.11.24

## 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, 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

**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**  
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 GHS 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.  
P264 Wash thoroughly after handling.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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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	%
<b>COMPONENT</b>					
<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 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.

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## 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.

## 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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## 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: EXPOSURECONTROLS/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 limits lists that are valid 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**

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



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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

Physical State	Solid
Appearance	Powder
Color	White
Odor	Characteristic
Odor threshold	Not determined

#### Property

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

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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

## 9.2 Other information

Surface tension	Void
Dissociation constant	Void
Granulometry	Void
Molecular weight	Void

### Information with regard to physical hazard classes

Explosives	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

## 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.

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**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**

Name	Sodium Lauroyl Glutamate CAS:29923-31-7
<b>Acute toxicity</b> LD/LC50 values relevant for classification	*Acute oral toxicity, LD50, 2000 mg/kg bw, rat *Acute dermal toxicity, LD50, 5000 mg/kg bw, rat Based on available data, the classification criteria are not met.
<b>Skin corrosion/irritation</b>	Non irritant (dilution at 35%)
<b>Serious eye damage/irritation</b>	Irritating effect (dilution at 5%)
<b>Respiratory tract</b>	Not determined
<b>Respiratory/skin sensitization</b>	*Not sensitizing
<b>Toxicokinetics, metabolism and distribution</b>	Not determined
<b>Repeated dose toxicity</b>	*No adverse effect observed. *NOAEL (rat), 1200 mg/kg bw/day
<b>Germ Cell mutagenicity</b>	Not determined
<b>Carcinogenicity</b>	Not determined
<b>Reproductive toxicity</b>	*No effect on fertility
<b>STOT-single exposure</b>	Not determined
<b>STOT-repeated exposure</b>	Not determined
<b>Aspiration hazard</b>	Not determined

\*from ECHA webpage registration data

**11.2 Information on other hazards**

**Endocrine disrupting properties** Substance is not listed.

## SECTION 12: ECOLOGICAL INFORMATION

Name	Sodium Lauroyl Glutamate CAS:29923-31-7
<b>12.1 Toxicity</b> Aquatic toxicity	The substance does not need to be classified and labeled as environmental hazard according to the Regulation (EC) No.1272/2008 (CLP) and the Regulation (EU) No. 286/2011 (2nd ATP). *PNEC aqua (freshwater), PNEC value: 0.039 mg/L *PNEC aqua (marine water), PNEC value: 0.004 mg/L *Sediment (freshwater), PNEC value: 0.207 mg/kg sediment dw *Sediment (marine water), PNEC value: 0.021 mg/kg sediment dw
<b>12.2 Persistence and degradability</b>	*Readily biodegradability, test method OECD301C:

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	Degree of Elimination: >70%
<b>12.3 Bioaccumulative potential</b>	*Bioaccumulation Estimates (BCFBAF v3.01 - Epi Suite): log BCF from regression-based method = 0,500 (BCF= 3,162 L/kg wet-wt)
<b>12.4 Mobility in soil</b>	*In accordance with Annex IX, column 2 (9.2.1.3) of Regulation (EC) No. 1907/2006, simulation testing on biodegradation in soil is not required since the substance is readily biodegradable.
<b>12.5 Results of PBT and vPvB assessment</b>	<b>PBT:</b> Not applicable <b>vPvB:</b> Not applicable
<b>12.6 Endocrine disrupting properties</b>	The product does not contain substances with endocrine disrupting properties.
<b>12.7 Other adverse effects</b>	No further relevant information available.

\*from ECHA webpage registration data

## 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

### 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



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- 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
- 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**

Name	Sodium Lauroyl Glutamate CAS:29923-31-7
Inventory - United States - Toxic Substances Control Act (TSCA)	Y
Inventory - Canada - Domestic Substances List (DSL)	N
Inventory – Canada - Non-Domestic Substances List (NDSL)	Y
Inventory - Canada - Revised In Commerce List (R-ICL)	Y
ECHA Inventory of substances	Y
Japan Existing and New Chemical Substances (ENCS)	Y
Inventory of Existing Chemical Substances in China (IECSC)	Y
Korean Existing and Evaluated Chemical Substances (KECL)	Y
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Y
Australian Inventory of Industrial Chemicals (AIIC)	Y
New Zealand Inventory of Chemicals	Y
TCSI - Taiwan Chemical Substance Inventory	Y
OECD - List of High Production Volume Chemicals	N

Y : listed, N : not listed, E : exempted

**Directive 2004/42/EC**  
**Seveso category**  
 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**

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**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.

**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)**

Substance is not listed.

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out.

## SECTION 16: OTHER INFORMATION

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of Corum Inc. It relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Corum Inc. assumes no legal responsibility for use of or reliance upon this information.

### 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

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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