

**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 11492, 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**  
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****Don't result in classification**

Fine dust clouds may form explosive mixture with air. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat

**Results of PBT and vPvB assessment**

Not applicable

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 2018/5/15

Version: 3

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

## 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, 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**

Fire dust clouds may form explosive mixtures with air.  
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**

Wear fully protective suit  
Wear self-contained breathing apparatus with facepiece

**Additional Information**

Combustible powder.  
Cool endangered receptacles with water spray.

**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**

Move container from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.  
Avoid creating dusty conditions and prevent wind dispersal.  
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

**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 limits lists that are valid 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.

**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

<b>Physical State</b>	Solid
<b>Appearance</b>	Powder
<b>Color</b>	White
<b>Odor</b>	Characteristic
<b>Odor threshold</b>	Not determined
<b><u>Property</u></b>	
<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
<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 determined
<b>Dynamic Viscosity</b>	Not applicable

### 9.2 Other information

<b>Surface tension</b>	Not determined
<b>Dissociation constant</b>	Not determined
<b>Granulometry</b>	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
<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)**

<b>Germ Cell mutagenicity</b>	Not determined
<b>Carcinogenicity</b>	Not determined.
<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

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

No further relevant information available.

**12.2 Persistence and degradability**

Ready 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.

**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
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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 A 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

**Canada Domestic Substances List (DSL)**

Substance is not listed



Trade name: **AmiMild SLG (Powder)****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 Chemical List (KECI)**

Substance is listed

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

Substance is listed

**Australian Inventory of Chemical Substances (AICS)**

Substance is listed

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

Not determined

**Substances of very high concern (SVHC) according to REACH, Article 57**

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

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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>)

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