

Safety Data Sheet

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

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

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 (Flake)**
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

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 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.
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	%
COMPONENT					
Sodium Lauroyl Glutamate	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, 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

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 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

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

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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	Flake
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
Vapor density	Not determined

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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	Not determined
Dissociation constant	Not determined
Granulometry	Not determined
Molecular weight	Not determined

Information with regard to physical hazard classes

Explosives	Void
Flammable Gases and Chemically Unstable Gases	Void
Flammable Aerosols	Void
Oxidising Gases	Void
Gases Under Pressure	Void
Flammable Liquids	Void
Flammable Solids	Void
Self-reactive Substances and Mixtures	Void
Pyrophoric Liquids	Void
Pyrophoric Solids	Void
Self-heating Substances and Mixtures	Void
Substances and Mixtures which in contact with water emit flammable gases	Void
Oxidising Liquids	Void
Oxidising Solids	Void
Organic Peroxides	Void
Substances and Mixtures corrosive to Metals	Void
Desensitized Explosives	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
Acute toxicity 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.
Skin corrosion/irritation	Non irritant (dilution at 35%)
Serious eye damage/irritation	Irritating effect (dilution at 5%)
Respiratory tract	Not determined
Respiratory/skin sensitization	*Not sensitizing
Toxicokinetics, metabolism and distribution	Not determined
Repeated dose toxicity	*No adverse effect observed. *NOAEL (rat), 1200 mg/kg bw/day
Germ Cell mutagenicity	Not determined
Carcinogenicity	Not determined
Reproductive toxicity	*No effect on fertility
STOT-single exposure	Not determined
STOT-repeated exposure	Not determined
Aspiration hazard	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
12.1 Toxicity 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
12.2 Persistence and degradability	*Readily biodegradability, test method OECD301C: Degree of Elimination: >70%

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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	*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.
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.

*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

14.5 Environmental hazard

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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 (Ozone-depleting 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

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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

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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