

Safety Data Sheet

according to 1907/2006/EC, Article 31

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

Version: 5

Revision: 2020.01.03

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 11492, 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
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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	Flake
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.

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 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 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