

Safety Data Sheet

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

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

Version: 6

Revision: 2023.05.05

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.

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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

Not applicable

The substance does not have endocrine disrupting properties.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Composition/information on ingredients

Name	Product Identifier	Classification	SCLs, M-Factors	Concentration (% w/w)
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; 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.

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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

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

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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 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

9.2 Other information

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Surface tension	Not determined
Dissociation constant	Not determined
Granulometry	Not determined
Molecular weight	Not determined

Information with regard to physical hazard classes

Explosives Not determined

Flammable Gases and Chemically Unstable Gases
Not determined

Flammable Aerosols Not determined

Oxidising Gases Not determined

Gases Under Pressure Not determined

Flammable Liquids Not determined

Flammable Solids Not determined

Self-reactive Substances and Mixtures
Not determined

Pyrophoric Liquids Not determined

Pyrophoric Solids Not determined

Self-heating Substances and Mixtures
Not determined

Substances and Mixtures which in contact with water emit flammable gases

Not determined

Oxidising Liquids Not determined

Oxidising Solids Not determined

Organic Peroxides Not determined

Substances and Mixtures corrosive to Metals

Not determined

Desensitized Explosives 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

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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

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

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)

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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 Endocrine disrupting properties

Substance is not listed

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.

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

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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 and Evaluated Chemical Substances (KECL)

Substance is listed

Philippines Inventory of Chemicals and Chemical Substances (PICCS)

Substance is listed

Australian Inventory of Chemical Substances (AICS)

Substance is listed

New Zealand Inventory of Chemicals

Substance is listed

TCSI - Taiwan Chemical Substance Inventory

Substance is listed

OECD - List of High Production Volume Chemicals

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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

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



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TOXNET system (<http://toxnet.nlm.nih.gov>)

Chemical safety report according to REACH registration dossier