

Safety Data Sheet

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

Trade name: **Corum 3510**

Version: 7

Revision: 2023.09.25

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name	Corum 3510
INCI name	Disodium Laureth Sulfosuccinate
CAS number	39354-45-5

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
Product category	Not determined
Process category	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
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SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008
Based on available data, the classification criteria are not met.

2.2 Label elements

Label according to Regulation (EC) No 1272/2008
Not applicable

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.

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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable

3.2 Mixtures

Composition/information on ingredients

Name	Chemical name	Identification	Classification	SCLs, M-Factors	%
COMPONENT					
Disodium Laureth Sulfosuccinate	-	(CAS No.) 39354-45-5 (EC No.) 609-656-8	Eye Irrit. 2 H319	-	37-41%
Water	-	(CAS No.) 7732-18-5 (EC No.) 231-791-2	-	-	59-63%

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

General information

No special measures required.

After inhalation

Supply fresh air; consult doctor in case of complaints.

After skin contact

Generally the product does not irritate the skin. Wash off with soap and plenty of water. If symptoms develop, seek medical attention.

After eye contact

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

After swallowing

If symptoms persist consult doctor.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

No further relevant information available.

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

Water spray, dry powder, carbon dioxide (CO₂), foam.

Use fire extinguishing methods suitable to surrounding conditions.

Unsuitable extinguishing media

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5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Sulphur dioxide (SO₂)

5.3 Advice for firefighters

Protective equipment:

Wear full firefighting turn-out gear (full bunker gear).

Wear self-contained breathing apparatus with facepiece.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Goggles or face shield, if splashes or contact with eyes is possible or anticipated.

6.2 Environmental precautions

Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

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

Avoid contact with skin and eyes.

Information about fire - and explosion protection:

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions

Corum 3510 tends to gel and cloudiness at low temperature and after storage time. This is reversible by heating the product up to 30 – 40°C for a short interval. This has no negative influence to the quality.

Protect from contacting with light, heat and moisture.

Store in tightly closed container at 25°C.

Incompatible materials

No further relevant information available.

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

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Keep container tightly sealed.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/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 lists valid during the making were used as 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 required

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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

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.

Eye protection



Tightly sealed goggles

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General protective measure	Wear safety glasses meeting the specifications of ANSI standard Z87.1 where no contact with the eye is anticipated. Chemical safety goggles meeting the specifications of ANSI standard Z87.1 should be worn whenever there is the possibility of splashing or other contact with the eyes.
General hygiene measure	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
Environmental exposure controls	The usual precautionary measures are to be adhered to when handling chemicals.
	No further relevant information available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Liquid
Color	Colorless to pale yellow
	APHA: <200
Odor	Bland
Odor threshold	Not determined.
<u>Property</u>	
pH value (5%)	5,5-7,0
Melting point/Melting range	Not determined
Boiling point/Boiling range	100 °C
Flash point	>200 °C
Flammability (solid, gaseous)	Not applicable
Ignition temperature	Not determined
Decomposition temperature	Not determined
Self-igniting	Product is not self igniting.
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	20 mmHg (at 20°C)
Vapor density	>1 g/cm ³ (at 20°C)
Relative density	Not determined
Evaporation rate	>1 (at 20°C)
Solubility	Fully miscible
Partition coefficient (n-octanol/water at 25 °C)	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	Not determined

9.2 Other information

Surface tension	Not determined
Dissociation constant	Not determined
Granulometry	Not applicable

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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 further relevant information available.
- 10.2 Chemical stability**
Stable under recommended storage conditions.
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**
Keep away from heat, sparks and open flames.
Avoid contact with strong oxidizing materials.
- 10.5 Incompatible materials**
Strong oxidizing agents.
- 10.6 Hazardous decomposition products**
No dangerous decomposition products known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Name	Disodium Laureth Sulfosuccinate CAS:39354-45-5	Water CAS:7732-18-5
Acute toxicity	Based on available data, the	Not Classified

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	classification criteria are not met.	
Skin corrosion/irritation	Non irritant (dilution at 15%)	Not Classified
Serious eye damage/irritation	*Eye Irrit. 2 Irritant (dilution at 5% in water)	Not Classified
Respiratory tract	Not determined	Not Classified
Respiratory/skin sensitization	Based on available data, the classification criteria are not met.	Not Classified
Toxicokinetics, metabolism and distribution	Not determined	Not Classified
Repeated dose toxicity	Not determined	Not Classified
Germ Cell mutagenicity	Based on available data, the classification criteria are not met.	Not Classified
Carcinogenicity	Not determined	Not Classified
Reproductive toxicity	Not determined	Not Classified
STOT-single exposure	Not determined	Not Classified
STOT-repeated exposure	Not determined	Not Classified
Aspiration hazard	Not determined	Not Classified

*from ECHA webpage registration data

11.2 Information on other hazards

Endocrine disrupting properties

Substance is not listed.

SECTION 12: ECOLOGICAL INFORMATION

Name	Disodium Laureth Sulfosuccinate CAS:39354-45-5	Water CAS:7732-18-5
12.1 Toxicity Aquatic toxicity	No further relevant information available.	No further relevant information available.
12.2 Persistence and degradability	Readily biodegradable (>90% in 28 days) – ISO 14593	No further relevant information available.
12.3 Bioaccumulative potential	No further relevant information available.	No further relevant information available.
12.4 Mobility in soil	No further relevant information available.	No further relevant information available.
12.5 Results of PBT and vPvB assessment	PBT: Not applicable vPvB: Not applicable	PBT: Not applicable vPvB: Not applicable
12.6 Endocrine disrupting properties	The product does not contain substances with endocrine disrupting properties.	The product does not contain substances with endocrine disrupting properties.
12.7 Other adverse effects	No further relevant information available.	No further relevant information available.

*from ECHA webpage registration data

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Recommendation

Observe community, national or regional regulations for waste
handling and treatment.

Must not be disposed together with household garbage. Do
not allow product to reach sewage system.

European waste catalogue

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Substances Control Act (TSCA)		
Inventory - Canada - Domestic Substances List (DSL)	Y	Y
Inventory - Canada Non-Domestic Substances List (NDSL)	N	N
ECHA Inventory of substances	Y	Y
Japan Existing and New Chemical Substances (ENCS)	N	N
Inventory of Existing Chemical Substances in China (IECSC)	Y	Y
Korean Existing and Evaluated Chemical Substances (KECL)	Y	Y
Philippines Inventory of Chemicals and Chemical Substances (PICCS)	Y	Y
Australian Inventory of Industrial Chemicals (AIIIC)	Y	Y
New Zealand Inventory of Chemicals	Y	Y
TCSI - Taiwan Chemical Substance Inventory	Y	Y
OECD - List of High Production Volume Chemicals	N	Y

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

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

GHS: Globally Harmonized System of Classification and Labeling Chemicals

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 manufacturer

OECD's eChemportal (<http://www.echemportal.org>)

Final Report On the Safety Assessment of Alkyl PEG Sulfosuccinates As Used in Cosmetics, March 2012, Cosmetic Ingredient Review