

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 3510**

Version: 5

Revision: 2022.09.15

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

### 1.1 Product identifier

<b>Trade name</b>	<b>Corum 3510</b>
<b>INCI name</b>	Disodium Laureth sulfosuccinate
<b>CAS number</b>	39354-45-5

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

<b>Recommended Use</b>	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
<b>Uses advised against</b>	Not determined
<b>Product category</b>	Not determined
<b>Process category</b>	Not determined

### 1.3 Details of the supplier of the safety data sheet

**Manufacturer/Supplier**  
CORUM INC.  
6FL., No.360, Rueli Guang Rd.,  
Neihu Dist., Taipei 114729, Taiwan  
**Further information obtainable from**  
[marketing.support@corum.com.tw](mailto:marketing.support@corum.com.tw)

### 1.4 Emergency telephone number

<b>Company phone number</b>	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: Mixtures

### 3.2 Composition/information on ingredients

INCI Name	Chemical Name	CAS No.	EC No.
Disodium laureth sulfosuccinate	-	39354-45-5	-
Water	Water	7732-18-5	231-791-2

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of first aid measures

<b>General information</b>	No special measures required.
<b>After inhalation</b>	Supply fresh air; consult doctor in case of complaints.
<b>After skin contact</b>	Generally the product does not irritate the skin. Wash off with soap and plenty of water. If symptoms develop, seek medical attention.
<b>After eye contact</b>	Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
<b>After swallowing</b>	If symptoms persist consult doctor.

### 4.2 Most important symptoms and effects, both acute and delayed

<b>Symptoms</b>	No further relevant information available.
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### 4.3 Indication of any immediate medical attention and special treatment needed

<b>Note to physicians</b>	No further relevant information available.
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## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

#### **Suitable extinguishing media**

Water spray, dry powder, carbon dioxide (CO<sub>2</sub>), foam.

Use fire extinguishing methods suitable to surrounding conditions

#### **Unsuitable extinguishing media**

No further relevant information available.

### 5.2 Special hazards arising from the substance or mixture

In case of fire, the following can be released:

Carbon monoxide (CO)

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Carbon dioxide (CO<sub>2</sub>)Sulphur dioxide (SO<sub>2</sub>)**5.3 Advice for firefighters**

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

**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

**Further information about storage conditions**

Keep container tightly sealed.

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7.3 **Specific end use(s)** No further relevant information available.

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

### 8.2 **Exposure controls**

#### **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

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 protective 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.

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<b>General hygiene measure</b>	Avoid contact with the eyes and skin. The usual precautionary measures are to be adhered to when handling chemicals
<b>Environmental exposure controls</b>	No further relevant information available.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**
**9.1 Information on basic physical and chemical properties**

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

**9.2 Other information**

<b>Surface tension</b>	Not determined
<b>Dissociation constant</b>	Not determined
<b>Granulometry</b>	Not applicable

**SECTION 10: STABILITY AND REACTIVITY**
**10.1 Reactivity**

No further relevant information available.

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**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****Acute toxicity**

LD/LC50 values relevant for classification

	Effect dose/concentration	Value	Species
<b>Substance 39354-45-5 Disodium laureth sulfosuccinate</b>			
Acute oral toxicity	LD50	>2000 mg/kg bw	rat

**Primary Irritant effect****Skin corrosion/irritation**

Non-irritant

Test: OECD Guideline 404 (Acute Dermal Irritation /Corrosion): with 25% active matter. rabbit

Test: 48 h, patch test with 10% active matter (aq.sol). human

**Serious eye damage/irritation**

Causes serious eye irritation.

Test: Ocular irritation OECD 405, active matter 25%, rabbit

**Respiratory tract**

Not determined

**Respiratory/skin sensitization**

Based on available data, the classification criteria are not met.

**Additional toxicological information****Toxicokinetics, metabolism and distribution**

Not determined

**Repeated dose toxicity**

	Effect dose/concentration	Value	Species
<b>Substance 39354-45-5 Disodium laureth sulfosuccinate</b>			
Acute oral toxicity	NOEL Rep Dose	250 mg/kg bw/day	rat

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	28 d, slight reversible effects with highest dose		
Acute oral toxicity	NOAEL Rep. Dose	300 mg/kg bw/day	rat
	28 days, daily dose range: 100 to 1000 mg/kg bw		

**CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)**

<b>Germ Cell mutagenicity</b>	Not mutagenic Ames test (40% active ingredient) Mutagenicity test (32% active matter) with S.typhimurium strains TA98, TA100, TA1535, TA1537, and TA1538, with and without metabolic activation.
<b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
<b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
<b>STOT-single exposure</b>	Based on available data, the classification criteria are not met.
<b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met.
<b>Aspiration hazard</b>	Based on available data, the classification criteria are not met.

**SECTION 12: ECOLOGICAL INFORMATION**

- 12.1 Toxicity**  
**Aquatic toxicity**  
No further relevant information available.
- 12.2 Persistence and degradability**  
Readily biodegradable (>90% in 28 days) – ISO 14593
- 12.3 Bioaccumulative potential**  
No further relevant information available.
- 12.4 Mobility in soil**  
No further relevant information available.
- 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**                      Observe community, national or regional regulations for waste handling and treatment.

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### Uncleaning Packaging Recommendation

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

Disposal must be made according to official regulations.  
Recommended cleansing agents: Water

## 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 A DANGEROUS GOOD

## SECTION 15: REGULATORY INFORMATION



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**15.1 Safe, health and environmental regulations/legislation specific for the substance or mixture****Inventory - United States - Toxic Substances Control Act (TSCA)**

39354-45-5 Disodium Laureth sulfosuccinate

7732-18-5 Water

**Canada Domestic Substances List (DSL)**

39354-45-5 Disodium Laureth sulfosuccinate

7732-18-5 Water

**Canada Non-Domestic Substances List (NDSL)**

Substance is not listed.

**European Inventory of Existing Chemical Substances (EINECS)**

7732-18-5 Water

**Japan Existing and New Chemical Substances (ENCS)**

39354-45-5 Disodium Laureth sulfosuccinate

7732-18-5 Water

**China Inventory of Existing Chemical Substance (IECSC)**

39354-45-5 Disodium Laureth sulfosuccinate

7732-18-5 Water

**Korean Existing and Evaluated Chemical Substances (KECL)**

39354-45-5 Disodium Laureth sulfosuccinate

7732-18-5 Water

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

39354-45-5 Disodium Laureth sulfosuccinate

7732-18-5 Water

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

39354-45-5 Disodium Laureth sulfosuccinate

7732-18-5 Water

**New Zealand Inventory of Chemicals**

39354-45-5 Disodium Laureth sulfosuccinate

7732-18-5 Water

**TCSI - Taiwan Chemical Substance Inventory**

39354-45-5 Disodium Laureth sulfosuccinate

7732-18-5 Water

**OECD - List of High Production Volume Chemicals**

7732-18-5 Water

**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.

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**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 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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This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**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