

Safety Data Sheet

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

Trade name: **Corum 3510**

Version: 6

Revision: 2023.06.07

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
Eye Irrit. 2 H319 Causes serious eye irritation

2.2 Label elements

Label according to Regulation (EC) No 1272/2008



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.

Safety Data Sheet

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

Trade name: **Corum 3510**

Version: 6

Revision: 2023.06.07

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

Not applicable

3.2 Mixtures

Composition/information on ingredients

Name	Chemical name	Identification	Classification	SCLs, M-Factors	Concentration (% w/w)
Disodium laureth sulfosuccinate	-	(CAS No.) 57-55-6 (EC No.) 200-338-0	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.

Safety Data Sheet

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

Trade name: **Corum 3510**

Version: 6

Revision: 2023.06.07

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

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)

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.

Safety Data Sheet

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

Trade name: **Corum 3510**

Version: 6

Revision: 2023.06.07

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	Keep container tightly sealed.

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 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.
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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,

Safety Data Sheet

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

Trade name: **Corum 3510**

Version: 6

Revision: 2023.06.07

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. Avoid contact with the eyes and skin.

General hygiene measure

The usual precautionary measures are to be adhered to when handling chemicals

Environmental exposure controls

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
Odor	APHA: <200
Odor threshold	Bland
	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

Safety Data Sheet

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

Trade name: **Corum 3510**

Version: 6

Revision: 2023.06.07

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

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.

Safety Data Sheet

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

Trade name: **Corum 3510**

Version: 6

Revision: 2023.06.07

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
Substance 39354-45-5 Disodium laureth sulfosuccinate			
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
Substance 39354-45-5 Disodium laureth sulfosuccinate			
Acute oral toxicity	NOEL Rep Dose	250 mg/kg bw/day	rat

	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 (carcinogenicity, mutagenicity and toxicity for reproduction)**Germ Cell mutagenicity**

Not mutagenic

Ames test (40% active ingredient)

Mutagenicity test (32% active matter) with S.typhimurium

Safety Data Sheet

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

Trade name: **Corum 3510**

Version: 6

Revision: 2023.06.07

strains TA98, TA100, TA1535, TA1537, and TA1538, with and without metabolic activation.

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

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 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

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

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
HP4**

Irritant - skin irritation and eye damage

13.2 Uncleaning packaging

Recommendation

Disposal must be made according to official regulations.

Safety Data Sheet

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

Trade name: **Corum 3510**

Version: 6

Revision: 2023.06.07

Recommended cleansing agents: Water

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

Marine pollutant	No
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14.6 Special precautions for user

Special precaution for user	Not applicable
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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

Inventory - United States - Toxic Substances Control Act (TSCA)

39354-45-5 Disodium Laureth sulfosuccinate

7732-18-5 Water

Safety Data Sheet

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

Trade name: **Corum 3510**

Version: 6

Revision: 2023.06.07

Inventory - Canada - Domestic Substances List (DSL)

39354-45-5 Disodium Laureth sulfosuccinate
7732-18-5 Water

Inventory - 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

Inventory of Existing Chemical Substances in China (IECSC)

39354-45-5 Disodium Laureth sulfosuccinate
7732-18-5 Water

Inventory - 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 Industrial Chemicals (AIIIC)

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 2004/42/EC

Seveso category

Substance is not listed

REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

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

Safety Data Sheet

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

Trade name: **Corum 3510**

Version: 6

Revision: 2023.06.07

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 (Ozonedepleting 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)

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