

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 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

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

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**

| | |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 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

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

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.

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.

| | |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| General hygiene measure | Avoid contact with the eyes and skin. 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 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 |

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**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 |

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 2018/5/15

Version: 4

Revision: 2019/3/20

Trade name: **Corum 3510**

| | | | |
|---------------------|---------------------------------------------------|------------------|-----|
| | 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 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.

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.

**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**

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 listed.

Canada Non-Domestic Substances List (NDSL)

Substance is not listed.

European Inventory of Existing Chemical Substances (EINECS)

Substance is not 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.

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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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