

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Trade name: **Corum 5118**

Version: 2

Revision: 2020.08.03

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

### 1.1 Product identifier

Trade name	<b>Corum 5118</b>
INCI NAME	<b>Isostearamidopropyl Ethyldimonium Ethosulfate (and) Propylene Glycol</b>
CAS number	67633-63-0 (and) 57-55-6

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

Recommended Use	Used in the formulation of cosmetics and personal care products Cosmetic Skin cosmetics Cosmetic auxiliary Cosmetic Active Agent
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](mailto: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**  
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:** Mixture

3.2 **Composition/information on ingredients**

INCI Name	Chemical Name	CAS No.	EC No.
Propylene Glycol	Propane-1,2-diol	57-55-6	200-338-0
Isostearamidopropyl Ethylidimonium Ethosulfate	Ethyldimethyl[3-[(1-oxoisooctadecyl)amino] propyl]ammonium ethyl sulphate	67633-63-0	266-778-0

## SECTION 4: FIRST AID MEASURES

4.1 **Description of first aid measures**

**General information**

Involve doctor immediately. Immediately remove any clothing soiled by the product.

**After inhalation**

Supply fresh air; consult a doctor in case of complaints.

**After skin contact**

Generally the product does not irritate the skin.  
Wash skin with water and/or a mild detergent.  
If skin irritation continues, consult a doctor.

**After eye contact**

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

**After swallowing**

Rinse out mouth and then drink plenty of water.  
Do not give anything by mouth to an unconscious person.  
Do not induce vomiting. Obtain medical attention if symptoms appear.

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**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.  
Use fire extinguishing methods suitable to surrounding conditions.

**Unsuitable extinguishing media**

No further relevant information available

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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 (CO<sub>2</sub>)

Nitrogen oxides (NO<sub>x</sub>)

Sulphur dioxide (SO<sub>2</sub>)

## 5.3 Advice for firefighters

Wear self-contained breathing apparatus with facepiece.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment.

### 6.2 Environmental precautions

Do not allow product to reach sewage system or any water course.

### 6.3 Methods and material for containment and cleaning up

If necessary dike the product with dry earth, sand or similar noncombustible materials.

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

Pick up mechanically using appropriate tools.

Dispose contaminated material as waste according to item 13.

Clean the area with water.

### 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

Avoid contact with clothing.

Avoid inhalation of vapour or mist.

Ensure good ventilation/exhaustion at the workplace.

Wash thoroughly after handling.

### 7.2 Conditions for safe storage, including any incompatibilities

#### **Storage conditions**

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Store in a cool place.

#### **Incompatible materials**

Check all containers are clearly labelled and free from leaks.

#### **Storage class (VbF)**

No

### 7.3 Specific end use(s)

No further relevant information available

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## 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 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.  
Recommended exposure limits have not been established for this material. Whether there is a need for respiratory protection under your conditions of handling of this material should be evaluated by a qualified health specialist.

##### Hands protection

Protective gloves



Rubber gloves

Plastic gloves

The glove material has to be impermeable and resistant to the product/the substance/the preparation.

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

Chemical safety goggles.

##### General protective measure

Avoid contact with the eyes and skin.

##### General hygiene measure

Wash hands before breaks and at the end of work.

##### Environmental exposure controls

No further relevant information available

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

<b>Physical State</b>	Liquid
<b>Appearance</b>	Viscous liquid
<b>Color</b>	Yellow
<b>Odor</b>	Typical
<b>Odor threshold</b>	Not determined.

#### Property

<b>pH value (5%)</b>	3.0 – 5.0 (5% solution)
<b>Melting point/Melting range</b>	Not determined
<b>Boiling point/Boiling range</b>	188 °C (calculated)
<b>Flash point</b>	> 99 °C (calculated)
<b>Flammability (solid, gaseous)</b>	Not applicable
<b>Ignition temperature</b>	371 °C (for CAS: 57-55-6)
<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>	2.6 Vol % (for CAS: 57-55-6)
<b>Upper</b>	12.6 Vol % (for CAS: 57-55-6)
<b>Oxidizing properties</b>	Not determined
<b>Explosive properties</b>	Not determined
<b>Vapor pressure</b>	0.1 hPa (for CAS: 57-55-6) at 20°C
<b>Vapor density</b>	0.987 g/cm <sup>3</sup> (for CAS: 57-55-6) at 20°C
<b>Relative density</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Solubility</b>	Fully miscible
<b>Partition coefficient (n-octanol/water at 25 °C)</b>	Not determined
<b>Kinematic viscosity</b>	log Pow= -1,07 (25 °C) for ingredient CAS: 57-55-6
<b>Dynamic viscosity</b>	Not determined 46 mPas (for CAS: 57-55-6)

### 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

### 10.2 Chemical stability

Stable under recommended storage conditions

#### **Thermal decomposition/conditions to be avoided**

No decomposition if used according to specifications

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## 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

No dangerous decomposition products known

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### **Acute toxicity**

Harmful if swallowed

LD/LC50 values relevant for classification

	Effect dose/concentration	Value	Species
<b>Substance 57-55-6 propane-1,2-diol</b>			
Acute oral toxicity	LD50	2000 mg/kg bw	rat
Acute dermal toxicity	LD50	20800 mg/kg	rabbit

#### **Primary Irritant effect**

##### **Skin corrosion/irritation**

Non-irritant (Human) (Corum 5118 (5%) 48 hr semi-occl. single patch test)

##### **Serious eye damage/irritation**

Causes serious eye damage.

##### **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**

Not determined

#### **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

##### **Germ Cell mutagenicity**

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

##### **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**

Not applicable

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## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Aquatic toxicity

	Effect dose/concentration	Value	Species	Test
<b>Substance 57-55-6 propane-1,2-diol</b>				
Acute toxicity	LC50 (48hr) static	43500 mg/l	Daphnia	OECD TG 202
Acute toxicity	EC50	<5300 mg/l	Skeletonemum costatum	OECD TG 201 (14 day)
Acute toxicity	EC50 (96hr)	19100 mg/l	Skeletonemum costatum	OECD TG 201
Other	NOEC	<5300 mg/l	Skeletonemum costatum	OECD TG 201 (14 days)

### 12.2 Persistence and degradability

ingredient CAS: 57-55-6 is not persistent, as it has shown to be ready biodegradable.  
No further relevant information available

### 12.3 Bioaccumulative potential

On the basis of its Log Pow, ingredient CAS: 57-55-6 has not potential for bioaccumulative properties.  
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

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

### 13.2 Uncleaning packaging

#### Recommendation

Disposal must be made according to official regulations.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN-Number

ADR/RID  
ADN

Not applicable  
Not applicable

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**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 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)**

57-55-6 Propane-1,2-diol

67633-63-0 Ethyldimethyl[3-[(1-oxoisooctadecyl)amino]propyl]ammonium ethyl sulphate

**Canada Domestic Substances List (DSL)**

57-55-6 Propane-1,2-diol

67633-63-0 Ethyldimethyl[3-[(1-oxoisooctadecyl)amino]propyl]ammonium ethyl sulphate

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

Substance is not listed.

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

57-55-6 Propane-1,2-diol

67633-63-0 Ethyldimethyl[3-[(1-oxoisooctadecyl)amino]propyl]ammonium ethyl sulphate



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

57-55-6 Propane-1,2-diol

67633-63-0 Ethyldimethyl[3-[(1-oxoisooctadecyl)amino]propyl]ammonium ethyl sulphate

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

57-55-6 Propane-1,2-diol

67633-63-0 Ethyldimethyl[3-[(1-oxoisooctadecyl)amino]propyl]ammonium ethyl sulphate

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

57-55-6 Propane-1,2-diol

67633-63-0 Ethyldimethyl[3-[(1-oxoisooctadecyl)amino]propyl]ammonium ethyl sulphate

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

57-55-6 Propane-1,2-diol

67633-63-0 Ethyldimethyl[3-[(1-oxoisooctadecyl)amino]propyl]ammonium ethyl sulphate

### Australian Inventory of Chemical Substances (AICS)

57-55-6 Propane-1,2-diol

67633-63-0 Ethyldimethyl[3-[(1-oxoisooctadecyl)amino]propyl]ammonium ethyl sulphate

### 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

This substance has been registered for a tonnage band <10 tons and a Chemical Safety Assessment is not mandatory according to REACH Regulation.

DNELs and PNECs can't be calculated with the information requirements of Annex VII.

Following ECHA Guidance R.7 part E, Risk Management Measures are described for substances classified for certain Hazard Classes (Table E.3-1). These RMM are included in this Safety Data Sheet in a format of Exposure Scenario.

This Exposure Scenario is provided on a voluntary basis.

A Chemical Safety Assessment has been carried out.

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### SECTION 16: OTHER INFORMATION

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#### Abbreviations and acronyms

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

NOEC: No Observed Effect Concentration

#### Sources

Own data from manufacture

Chemical safety report according to REACH registration dossier