

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**

Trade name	Corum 4057
INCI name	TEA Lauroyl Glutamate
CAS number	53576-49-1

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

Recommended Use	Skin cosmetics Skin conditioning agent - emollient Cosmetic ingredient for rinse-off formulation
Uses advised against	No information available
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, Rueli 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

**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.
TEA Lauroyl Glutamate		53576-49-1	258-636-1
Water	Water	7732-18-5	231-791-2

**SECTION 4: FIRST AID MEASURES****4.1 Description of first aid measures****General information**

No data available.

**After inhalation**

Remove victim to fresh air and away from exposure immediately. If breathing has stopped, administer artificial respiration. Immediate medical attention required.

**After skin contact**

Immediately wash with soap and copious amounts of water. If symptoms develop, seek medical attention.

**After eye contact**

Check for and remove any contact lenses. Rinse opened eye for 15 minutes under running water. If symptoms persist, consult a doctor.

**After swallowing**

Rinse mouth with water. Call for medical help immediately.

**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**

Treat symptomatically.

**SECTION 5: FIRE-FIGHTING MEASURES****5.1 Extinguishing media****Suitable extinguishing media**CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**Unsuitable extinguishing media**

No further relevant information available.

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

No further relevant information available.

**5.3 Advice for firefighters**

Wear protective clothing and glasses

Wear self-contained respiratory protective device.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas.  
Avoid contact with skin, eyes and clothes.

**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**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of material collected according to regulations.  
Wash floor area with hotwater solution.  
Remove contaminated clothing and wash before reuse. Wash affected skin areas with soap and water.  
Keep spills out of all sewers and bodies of 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** Handle in accordance with good industrial hygiene and safety practice.

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

**Storage conditions** Store in a cool, dry place  
**Incompatible materials** None known based on information supplied.  
**Storage class (VbF)** No

**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 relevant quantities of materials with critical values that have to be monitored at the workplace.  
**DNEL** Not determined.  
**PNEC** Not determined.  
**Additional information** Not required.

## 8.2 Exposure controls

### Personal protective equipment

**Respiration protection** Not necessary if room is well-ventilated.

**Hands protection** Protective gloves. 

**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.

**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** 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

<b>Physical State</b>	Liquid
<b>Appearance</b>	Clear liquid
<b>Color</b>	Colorless to pale yellow
<b>Odor</b>	Typical
<b>Odor threshold</b>	No information available

#### Property

<b>pH value</b>	5~7
<b>Melting point/Melting range</b>	Not applicable
<b>Boiling point/Boiling range</b>	approx. 100°C
<b>Flash point</b>	Not determined
<b>Flammability (solid, gaseous)</b>	Not determined
<b>Ignition temperature</b>	Not determined
<b>Decomposition temperature</b>	Not determined
<b>Self-igniting</b>	Not determined
<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>	Not determined
<b>Vapor density</b>	Not determined

<b>Relative density</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Solubility</b>	Soluble in water
<b>Partition coefficient (n-octanol/water at 25 °C)</b>	Not determined
<b>Kinematic Viscosity</b>	Not applicable
<b>Dynamic Viscosity</b>	Not applicable

**9.2 Other information**

No further relevant information available.

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

Not determined

**10.2 Chemical stability**

The product is stable under ordinary condition.

**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**

See Section 7 for information on safe handling.

**10.5 Incompatible materials**

See Section 7 for information on safe handling.

**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**

No further relevant information available.

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

None of the components is classified as skin irritant.

**Serious eye damage/irritation**

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

**Respiratory tract**

Not determined

**Respiratory/skin sensitization**

Not determined

**Additional toxicological information**

<b>Toxicokinetics, metabolism and distribution</b>	Not determined
<b>Repeated dose toxicity</b>	Not determined

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

<b>Germ Cell mutagenicity</b>	Not determined
<b>Carcinogenicity</b>	Not determined
<b>Reproductive toxicity</b>	Not determined
<b>STOT-single exposure</b>	Not determined
<b>STOT-repeated exposure</b>	Not determined
<b>Aspiration hazard</b>	Not determined

**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity****Aquatic toxicity**

None of the components is classified as hazardous for acute aquatic toxicity.

**12.2 Persistence and degradability**

No further relevant information available.

**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**

Disposal must be made according to official regulations.

**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 not listed.

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

Substance is listed.

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

Substance is listed.

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

Substance is not listed.

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

Substance is listed.

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

Substance is not listed.

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

Substance is listed.

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

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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**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

**Sources**

Own data from manufacture