1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifiers

Product name: CLEARSOFT SCI 85G/CLEARSOFT SCI 85P

INCI name: Sodium Cocoyl Isethionate

CAS-No. 61789-32-0

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

SCI is an anionic type of surfactant made from natural fatty acid of coconut oil. It features for excellent mildness/low irritancy and easy bio-degradation. And it doesn't contain poisonous substance, dioxane. It has been used in personal washing and skincare products, such as soap, liquid soap, cleaner, shower gel, shampoo, liquid hand soap, shaving cream by more and more domestic and abroad daily chemical enterprises.

Used in soap:

The advantages of using in soap: One is, it has better capability of resisting softening. The other is, it can reduce the pH value of the soap, mildness and low irritancy, it is the best raw material for producing neutral soap.

Used in Cleanser:

It's mildness and it can generate rich and delicate foam, remove dirt efficiently. And SCI has super fat, powerfully penetrating into skin. It can make your skin white and charming for long time use.

Used in shower gel:

Except for generating rich and delicate foam, it has significant function of decreasing slippery, completely it eliminating oily sensation, which appears after using traditional shower gel. And it can keep your skin soft and lustrous.

Used in shampoo:

Mild and low irritancy SCI replaces the departed surfactants, which have poisonous substance. It can protect and treat hair more safely.

Functional Characteristics:

The hard water resistance of SCI is very excellent. It's foaming power hardly be affected by water hardness. It's an anionic type of surfactant, which is very resistant to hard water. That is very important for the high hard water area usage of the soap.

SCI is very easy foaming and the foam is rich, stable and delicate. It has good performance of washing at low temperature and combined with other surfactants showed a coordinative inhibitory effect.

Observing SCI under an electron microscope, its inside assumes porous structure. That can promote its inside reserved air bubble to dissolve outside. It has good solubility, easy washing and no residual on skin.

The pH value of SCI is 5.0-6.0, weak acidic, it is near the pH value of human body.

SCI has good compatibility. It can be combined with lots of surfactants and its applied range is widely.

SCI has high ability of bio-degradation. It's fully bio-degradation in a natural environment and meets the environment requirement.

SCI doesn't contain dioxane. It is a mild, green environmental protection, broad prospects surfactant in detergent.

1.3 Details of the supplier of the safety data sheet

Company: Tianjin Chengyi International Trading Co., Ltd.

Address: 8th floor 5th Building of North America N1 Cultural and Creative Area, No. 95 South Sports Road, Xiaodian District, Taiyuan, Shanxi, China
Tel: +86 351-8281246
Fax: +86 351-8206170
Email wuyongping@tjcyint.com

1.4 Emergency telephone number

+86 351-8281246

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture

Chemical Name: Sodium Cocoyl Isethionate

CAS Number: 61789-32-0

Formula: $CH_3(CH_2)_nCH_2COOC_2H_4SO_3Na$

Molecular Weight: 343

INCI Ingredient Declaration:

Ingredient	Cas NO.	Concentration %
Sodium Cocoyl Isethionate	61789-32-0	84.00 Min
Hydrogenated Coconut Oil	84836-98-6	3.00-10.00
Sodium Isethionate	1562-00-1	4.00 Max
Water	7732-18-5	1.50 Max

4. FIRST AID MEASURES

4.1 Description of first aid measures

General advice

Consult a physician. Show this material safety data sheet to the doctor in attendance.

If inhaled

Move to fresh air. Call a physician if symptoms develop or persist.

In case of skin contact

Wash off with soap and water. Get medical attention if irritation develops and persists.

In case of eye contact

Rinse with water. Get medical attention if irritation develops and persists.

If swallowed

Rinse mouth. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

no data available

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media

Water fog. Foam. Dry chemical powder. Carbon dioxide(CO_2).

Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

During fire, gases hazardous to health may be formed. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

5.3 Advice for firefighters

Wear self-contained breathing apparatus for firefighting if necessary.

5.4 Further information

No data available

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. For personal protection, see section 8 of the SDS.

6.2 Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

6.3 Methods and materials for containment and cleaning up

Stop the flow of material, if this is without risk. Following product recovery, flush area with water.

6.4 Reference to other sections

For disposal see section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed.

Normal measures for preventive fire.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end use(s)

No data available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

No data available.

8.2 Exposure controls

Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used.

Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal protective equipment

Eye/face protection

Wear appropriate protective eyeglass or chemical safety goggles. Make sure that there is an eyewash facility in your vicinity.

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

General hygiene considerations

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

a) Appearance	Form: solid Colour: white
b) Odour	no data available
c) Odour Threshold	no data available
d) pH	5.0-6.5
e) Melting point/freezing point	no data available
f) Initial boiling point and boiling range	no data available
g) Flash point	no data available
h) Evapouration rate	no data available
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	no data available
k) Vapour pressure	no data available

l) Vapour density	no data available
m) Relative density	no data available
n) Water solubility	soluble
o) Partition coefficient n-octanol/water	no data available
p) Auto-ignition temperature	no data available
q) Decomposition temperature	no data available
r) Viscosity	no data available
s) Explosive properties	no data available
t) Oxidizing properties	no data available

9.2 Other safety information

no data available

10. STABILITY AND REACTIVITY

10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reaction known under conditions for normal use.

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

no data available

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Inhalation

No adverse effects due to inhalation are expected.

Skin contact

No adverse effects due to inhalation are expected.

Eye contact

Direct contact with eyes may cause temporary irritation.

Ingestion

Expected to be a low ingestion hazard.

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable,

possible or confirmed human carcinogen by IARC.

Reproductive toxicity

This product is not expected to cause reproductive or development effects.

Specific target organ toxicity - single exposure

Not classified.

Specific target organ toxicity - repeated exposure

Not classified.

Aspiration hazard

Not an aspiration hazard.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

no data available

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available.

12.4 Mobility in soil

no data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

no data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product

14. TRANSPORT INFORMATION

14.1 UN number

ADR/RID: - IMDG: - IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: - IMDG: - IATA: -

14.4 Packaging group

ADR/RID: - IMDG: - IATA: -

14.5 Environmental hazards

ADR/RID: no IMDG Marine pollutant: no IATA: no

14.6 Special precautions for user

no data available.

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has been carried out for this substance

16. OTHER INFORMATION

Tianjin Chengyi International Trading Co., Limited. gives no warranty, express or implied, as to the accuracy or completeness of this information. It is the user's responsibility to determine the suitability of this information for the adoption of necessary safety precautions and/or compliance with federal, state, and local laws and regulations

End of the Safety Data Sheet