



SAFETY DATA SHEET

GP SURFACTANT

Date of Issue : 2nd Jan 2023

SECTION 1 - IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name	:	Sodium Lauryl Ether Sulfate
Product Identifier/Trade Name	:	GP Surfactant
Use of the Substance/Mixture	:	Surfactant
Chemical Formula	:	C ₁₄ H ₂₉ NaO ₅ S
Molar Mass	:	382 g/mol
Company Identification	:	G-PLANTER SDN. BHD. (200401005370) No. 11 A, Jalan Mahsuri, Kawasan Perindustrian Kluang 1, 86000, Kluang, Johor.
Office Phone	:	+ 6 07-7878488
Fax No.	:	+ 6 07-7878480

SECTION 2 – HAZARD IDENTIFICATION

Health effects

No adverse health effects expected if the product is handled in accordance with this safety data sheet and the product label. Symptoms that may arise if the product is mishandled are :

- 1) Swallowed : No adverse effects expected, however large amount may cause nausea and vomiting.
- 2) Eye : May be eye irritant
- 3) Skin : Contact with skin may result in irritant. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.
- 4) Inhaled : Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea and diarrhea.

SECTION 3 – COMPOSITION INFORMATION

Chemical Name	CAS No.	Concentration
Sodium Lauryl Ether Sulfate	9004-82-4	11.2 %
Water	Not available	84.2 %
Balance	Not available	4.6 %

SECTION 4 – FIRST AID MEASURES

In case of eye contact:

Immediately flush eyes with clean water for at least 15 minutes, lifting the upper and lower eyelids occasionally. Get immediate emergency medical attention.

In case of skin contact:

Flush skin with plenty of clean running water for at least 15 minutes. Remove contaminated clothing and shoes. Wash and launder clothes before re-use. If irritation persists after washing, seek medical attention.



SAFETY DATA SHEET

GP SURFACTANT

Date of Issue : 2nd Jan 2023

If inhaled :

Remove victim to fresh air. Give artificial respiration if not breathing. Get immediate emergency medical attention.

In case of ingestion or swallowing:

If victim is conscious and medical attention is not immediately available, dilute stomach contents by giving large amounts of water or milk. DO NOT INDUCE VOMITING. Never give anything by mouth to an unconscious victim.

SECTION 5 – FIRE FIGHTING MEASURES

Flammability:

Flash point=>160°C

Suitable extinguishing media:

Foam, extinguishing powder, Carbon Dioxide, water spray jet, high pressure waterjet

Special protective equipment for fire fighters:

No special measures necessary

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid contact with skin and eyes

Environmental precautions:

Do not allow to flow into drainage system.

Action to take for spills & leaks:

Wear chemical protective to prevent skin and eye contamination. Small spills should be absorbed with soil, sand, saw dust or other inert material. Collect and seal in proper labeled container for disposal. Wash area down with excess water.

SECTION 7 – HANDLING AND STORAGE

Handling:

Avoid contact with eyes and repeated contact with skin and clothing. Do not ingest. Keep container tightly closed when not in use. Do not use pressure to empty container. Wash thoroughly after handling. Use with adequate ventilation.

Storage :

Keep container away from excessive heat, sparks and flame. Store in a cool, dry, well-ventilated location. Do not store product near incompatible materials.

SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Information on the system design :

No special measures required

Components with specific control parameters :

None

Personal protection



SAFETY DATA SHEET

GP SURFACTANT

Date of Issue : 2nd Jan 2023

Hand protection	: Suitable protective gloves
Eye protection	: Protective safety goggles with side shields.
Body protection	: Wear long sleeved shirt, trousers and safety shoes.
Respiratory protection	: A respirator is normally not required if this product is used with adequate ventilation.

Exposure limit:

No data found

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Apple green liquid
Odour	: Odourless
Solubility	: Soluble in water
Boiling Point	: >100°C
Freezing point	: -2°C
Vapour Pressure	: No data
% Total Solid	: 30 ±1.5
Viscosity	: 500 — 2000 m Pas
Density @ 25°C	: 1.02 ± 0.02
pH @ 10% dilution	: 6 ± 2

SECTION 10 – STABILITY AND REACTIVITY

Stability	: Stable under normal conditions
Incompatibility substances	: This product may react with strong acids or oxidizing agents.
Polymerization	: Will not occur
Condition to avoid	: Excessive heat, sparks and open flame.

SECTION 11 – TOXICOLOGY INFORMATION

Mutagenicity	: Non - mutagenic
Ingestion	: Acute oral toxicity :LD50 > 2000 mg/kg body weight
Skin contact	: Primary skin irritation
Test of sensitization	
without finding	: Not sensitizing
Eye contact	: Primary eye irritation : strong irritant
Exposure limits	: No data found.
Carcinogenicity	: No data found.

SECTION 12 – ECOLOGICAL INFORMATION

Water hazard class (WGK) :

WGK = 2, water — endangering product (manufacturer classification in conformity with the German VwVws of 17. May 1999).

Persistence and degradability :

Readily and rapidly degradable : all individual organic substances contained in the product achieve values in tests for ready degradability of at least 60% BOD/COD Or 70% DOC reduction (tolerance value for classification as "readily degradable" : >=70% DOC reduction or >=60% BOD/COD in 28



SAFETY DATA SHEET

GP SURFACTANT

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days)

Aquatic toxicity :

Acute fish toxicity :LC50 = >10 - 100 mg product/L (golden orfe, zebra fish)

Acute bacterial toxicity : EC0 >100 mg product/L

Acute daphnia toxicity : EC50 > 100 mg product/L

Acute algae toxicity : EC50 1= 1-1mg product/L

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contaminated product and materials used in cleaning up spills or leaks in a manner approved for this material. Consult appropriate federal, provincial and local regulatory agencies to ascertain proper disposal procedures.

SECTION 14 – TRANSPORT INFORMATION

During extended transportation, slight separations may occur which can be eliminated by stirring. The quality of the products is not impaired.

SECTION 15 – REGULATORY INFORMATION

Symbols or danger :

Xi = Irritant

R-phases :

R 38 : irritating to skin

R 41 : Risk of serious damage to eyes

S-phases :

S 24/25 : Avoid contact with skin and eyes

S 26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S 37/39 : Wear suitable gloves and eye/face protection.

SECTION 16 – OTHER INFORMATION

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

-End of SDS-