

SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

THIS PRODUCT IS FOR EXTERNAL USE ONLY- DO NOT INGEST

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

Product identifier

Commercial Name: DUROSOFT PG4L-SG
INCI Name: POLYGLYCERYL-4 LAURATE
CAS No: 75798-42-4
EINECS No: -
TSCA CAS No: -
FEMA: -
Chemical Name: 1,2,3-Propanetriol, homopolymer, dodecanoates (1:1) (4 mol glycerol average molar ratio)
Botanical Name: -
Origin: United Kingdom

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

Identified use (s): Emulsifier for manufacturing purposes only.

Details of the supplier of the safety data sheet

Company Name: BAY HOUSE INGREDIENTS
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2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

According to the current IFRA/ IOFI 2017 Labelling Manual and Regulation (EC) No. 1272/2008 (CLP)

Symbols: NONE **Signal word:** NONE

3. COMPOSITION/INFORMATION ON CONSTITUENTS

Nature Of Product: DUROSOFT PG4L-SG (100% Pure & Natural)

Durosoft PG4L-SG is a RSPO certified segregated grade of polyglyceryl-4 laurate.

CONSTITUENT	CAS NUMBER	<= %	RELEVANT GHS
POLYGLYCERYL-4 LAURATE	75798-42-4	100	-
			-

4. FIRST AID MEASURES

- Ingestion:** Do not induce vomiting, give a glass of water. If unwell seek medical attention and show this information.
- Inhalation:** Remove casualty to fresh air, keep respiratory passages clear and seek medical attention.
- Eye contact:** Irrigate with sterile water or saline for at least 15 minutes. Seek medical attention if irritation persists or tissue damage is apparent.
- Skin contact:** Remove contaminated clothing wash thoroughly with soap and water and rinse. May cause irritation after prolonged contact, if so seek medical advice.

5. FIRE-FIGHTING MEASURES

- Extinguisher:** Use CO₂, Foam or Powder extinguishers only.
DO NOT USE WATER JETS.
- Smoke/Fumes:** Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO₂ (carbon dioxide).

6. ACCIDENTAL RELEASE MEASURES

- Personal Safety Precautions:** Avoid contact with skin and eyes.
Wear safety gloves and glasses.
(Consult sections 7 & 8 for additional information)

- Environmental Safety Precautions:** Eliminate all sources of ignition.
Prevent any material entering drains or waterways.

Absorb spills into an inert absorbent material (e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.) Wash area clean with water and detergent. Transfer all waste to an approved waste disposal container, observing national legislation.

7. HANDLING AND STORAGE

- Handling Precautions:** Only use in a well ventilated area. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke.

- Storage Precautions:** Product is stable at room temperature.
Keep away from sources of ignition.
Store in tightly sealed containers, in a cool dry place away from direct sunlight.
Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory Protection:** Ensure adequate ventilation.
If ventilation is insufficient use approved respirators.

- Skin/Hand Protection:** Wear personal protective equipment.
Use chemical resistant safety gloves.
Polyvinyl alcohol or nitrile rubber gloves are recommended.

- Eye/Face Protection:** Wear safety glasses/visors. Ensure eye washes are available.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pale yellow to amber liquid
Odour:	Characteristic odour
Flash Point:	>93°C
pH 1% @ 20°C:	6.7- 7.3
Acid Value (mgKOH/g) :	2 max
Viscosity in mPa.s @ 20°C:	High viscous
Saponification value (mgKOH/g) :	110 - 130

10. STABILITY AND REACTIVITY

Thermal stability: Product is stable at room temperature.
Keep away from any source of ignition.
Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.

Hazardous reactions: Avoid strong oxidisers, acids and alkalis.

11. TOXICOLOGICAL INFORMATION

Oral LD50: N/A **This product is NOT intended for oral use.**

Dermal LD50: N/A

LD50 dosage levels are only a guideline obtained from historical data, Bay House Ingredients does not test its products on animals.

12. ECOLOGICAL INFORMATION

Ecological effects: Biodegradable, however care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures

ECOTOXICITY VALUES - SPECIES	TEST	RESULT
Fish	96H LC ₅₀	>1.000 mg/l
Daphnia magna	48H EC ₅₀	>10.000 mg/l
Green Algae (Selenastrum capricornutum)	96H ErC ₅₀	>1.000 g/l

13. DISPOSAL CONSIDERATIONS

Waste disposal: Do not pour into drains or waterways.
Comply with local and national regulations for waste disposal.
Empty containers should be washed thoroughly with detergent before

14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.): NON HAZARDOUS SUBSTANCE, LIQUID, N.O.S
ADR/RID (Road/Rail): Not restricted
IMDG-CODE (Sea): Not listed
ICAO/IATA (Air): Not regulated
UN Number:
Packing Group:
Subsidiary Risk:
Packing Instructions: Non-hazardous substance, transport in suitable container..

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: NON HAZARDOUS SUBSTANCE, LIQUID

15. REGULATORY INFORMATION

Product Classification: DUROSOFT PG4L-SG

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification: NON- HAZARDOUS

Safety Precautions: Do not eat, drink or smoke when using this product.
Wear protective gloves and wash hands thoroughly after handling.
Keep container tightly closed.
Avoid release to the environment.

16. ADDITIONAL INFORMATION**Legal disclaimer:**

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Bay House Ingredients is a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981 and as such, shall not be held liable for any damage resulting from handling or from contact with the product, since the conditions of use are out of our control. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.