

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE/PREPARATION & COMPANY.

PRODUCT NAME: **Laureth-3**

PRODUCT CODE: **70026**

SUPPLIER : The Soap Kitchen, Unit 2E Hatchmoor Ind/Est, Torrington, EX38 7HP

Emergency Contact: Mr Richard Phillips. Tel: 01805 622944

2. COMPOSITION / INFORMATION ON INGREDIENTS.

DEFINITION/BOTANICAL ORIGIN: A surfactant.

Status: Artificial IFRA: not restricted Application: Personal care

Preservatives: Nil

CAS No: 3055-94-5 EINECS CAS No: 3055-94-5 EC No: 221-280-2

INCI Name: Laureth-3

3. HAZARDS IDENTIFICATION:

Irritant, Dangerous for the environment

4. FIRST-AID MEASURES:

INHALATION: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

EYE CONTACT: Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

SKIN CONTACT: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INGESTION: Rinse mouth out with water. Seek medical advice **immediately**.

OTHER: When assessing action take Risk & Safety Phrases into account (Section 15)

5. FIRE FIGHTING MEASURES.

EXTINGUISHING MEDIA Use CO₂, Dry Powder or Foam type Extinguishers, spraying RECOMMENDED: extinguishing media to base of flames. Do not use direct water jet on burning material.

SPECIAL MEASURES: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

EXTINGUISHING PROCEDURES: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES.

PERSONAL PRECAUTIONS: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

ENVIRONMENT PRECAUTIONS: Keep away from drains, soils, surface & ground waters.

CLEANING UP METHODS Remove all potential ignition sources. Contain spilled material. Cover FOR SPILLAGES: with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

Laureth-3

Issued 01/09. This document replaces any previously issued document.

7. HANDLING & STORAGE.

PRECAUTIONS IN HANDLING:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
STORAGE CONDITIONS:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
FIRE PROTECTION:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.

RESPIRATORY PROTECTION:	Avoid breathing product vapour. Apply local ventilation where possible.
VENTILATION:	Ensure good ventilation of working area.
HAND PROTECTION:	Avoid all skin contact. Use chemically resistant gloves if required.
EYE PROTECTION:	Use safety glasses.
WORK/HYGIENE PRACTICES:	Wash hands with soap & water after handling.

9. PHYSICAL & CHEMICAL PROPERTIES.

APPEARANCE:	Clear liquid
COLOUR:	Colourless
FLASH POINT (°C):	>100
SOLUBILITY IN WATER:	Completely Soluble
ACID VALUE (mg KOH/g):	1.000 max

10. STABILITY & REACTIVITY.

REACTIVITY:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents and copper.
DECOMPOSITION:	Liable to cause smoke & acrid fumes during combustion: Carbon oxides (CO _x) & other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION.

Oral (Rat) LD₅₀ >2000mg/kg *

Patch test on humans did not demonstrate irritating properties. (10% Solution)*

Patch test on humans did not demonstrate sensitising properties. (10% Solution)*

* From Literature

12. ECOLOGICAL INFORMATION.

BIODEGRADABILITY:	Biodegradable – Surfactant complies with EC Regulation 648/2004 on detergents. *
TOXICITY TO FISH:	LC ₅₀ < 1mg / l Very toxic to aquatic organisms*.
PRECAUTIONS:	Prevent surface contamination of soil, ground & surface water.

* From Literature

13. DISPOSAL CONSIDERATIONS.

Avoid disposing to drainage systems and into the environment. Seek expert advice.

14. TRANSPORT REGULATIONS.

Laureth-3

Issued 01/09. This document replaces any previously issued document.

UN 3082:	Applies
Road (ADR/RID):	Class 9, Packing group III
Air (IATA/ICAO):	Class 9, Packing group III
SEA (IMDG):	Class 9, Packing group III
CHIP:	See section 15

15. REGULATORY INFORMATION.

HAZARDS:	Irritant, Dangerous for the environment
SYMBOLS:	Xi, N
RISK PHRASES:	R41 Risk of serious damage to eyes R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
SAFETY PHRASES:	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S37/39 Wear suitable gloves and eye/face protection S61 Avoid release to the environment. Refer to special instructions/safety data sheet

16. OTHER INFORMATION.

Cosmetics Directive 7th Amendment: Not restricted

PACKAGING:

Type	Suitability
Glass	Yes
Mild steel	No
Stainless steel	Yes
HPPE	Yes
F/HDPE	Yes
Other plastic	Yes

SHELF LIFE

When stored within advised conditions re-test after 12 months, then at 6 monthly intervals up to a maximum shelf life of 36 months.

Q.C. REQUIREMENTS.

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use.