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SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Product	Laureth-3 / Laureth-7 / Laureth-9 Series	**Revision date**	2026-11-16
Version	1.0	**Brand**	Richest

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product name	Laureth-3 / Laureth-7 / Laureth-9 Series
Synonyms	Laureth-3; Laureth-7; Laureth-9; Polyoxyethylene Lauryl Ether; Ethoxylated Lauryl Alcohol; Fatty Alcohol Polyoxyethylene Ether; AEO-3 / AEO-7 / AEO-9
CAS No.	9002-92-0 (common CAS used by the selected Laureth-3, Laureth-7 and Laureth-9 manufacturer pages)
EC No.	500-002-6 (public SDS identifier for CAS 9002-92-0; confirm in final supplier SDS)
Molecular formula	Not applicable (mixture)
Molecular weight	Not applicable (fatty-alcohol ethoxylate distribution; nominal EO numbers are 3, 7 and 9 respectively)
Relevant identified uses	Laureth-3: lipophilic emulsifier, chemical-fiber spin-finish component, general industrial emulsifier and dry-cleaning agent for silicones/hydrocarbons; also an SLES intermediate; Laureth-7: water-soluble emulsifier, detergent and wetting agent for household/industrial cleaners, wool and textile processing; Laureth-9: emulsifier, detergent, wool degreaser, textile scouring agent and cosmetic/ointment emulsifier; No cosmetic or pharmaceutical grade compliance is implied by these application descriptions
Uses advised against	No specific uses advised against were identified in the reviewed sources.
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SECTION 2: Hazards identification

GHS Classification	Provisional CAS-level public SDS classification: Danger; Acute Tox. 4 (oral), Eye Dam. 1 and Aquatic Acute 1. The SDS label section also contains additional statements inconsistent with its own classification list; do not publish a final label until the Richest grade-specific SDS confirms the classification.
Pictogram(s)	See cited public SDS classification
Signal word	Danger
Hazard statement(s)	No data available
Precautionary statement(s)	No data available
Other hazards	No other hazards were identified in the reviewed sources.

SECTION 3: Composition/information on ingredients	
Component	Laureth-3 / Laureth-7 / Laureth-9 Series
CAS No.	9002-92-0 (common CAS used by the selected Laureth-3, Laureth-7 and Laureth-9 manufacturer pages)
EC No.	500-002-6 (public SDS identifier for CAS 9002-92-0; confirm in final supplier SDS)
Classification	Provisional CAS-level public SDS classification: Danger; Acute Tox. 4 (oral), Eye Dam. 1 and Aquatic Acute 1. The SDS label section also contains additional statements inconsistent with its own classification list; do not publish a final label until the Richest grade-specific SDS confirms the classification.
Concentration	Assay is not stated in the selected public specifications; water and other controls are listed by grade

SECTION 4: First-aid measures	
If inhaled	Move to fresh air after inhalation.
In case of skin contact	Remove contaminated clothing and wash skin with soap and plenty of water.
In case of eye contact	Rinse eyes with clean water for at least 15 minutes and obtain medical attention.
If swallowed	After ingestion rinse mouth, do not induce vomiting and contact a doctor or poison center.
Most important symptoms and effects	No data available
Indication of immediate medical attention	Treat symptomatically. Show this safety data sheet to medical personnel.

SECTION 5: Fire-fighting measures	
Suitable extinguishing media	Use dry chemical, carbon dioxide or alcohol-resistant foam. Firefighters should wear self-contained breathing apparatus if necessary.
Unsuitable extinguishing media	No data available
Special hazards arising from the chemical	Laureth-9 (GENAPOL LA 090): Combustion can produce harmful or toxic fumes; floating material on water can create a fire hazard.
Advice for firefighters	Wear self-contained breathing apparatus and protective clothing appropriate for the surrounding fire.

SECTION 6: Accidental release measures	
Personal precautions and emergency procedures	Avoid contact with the material. Ensure adequate ventilation. Wear appropriate personal protective equipment.
Environmental precautions	Prevent uncontrolled release to drains, soil and watercourses.
Methods for containment and cleaning up	Ventilate, avoid inhalation and skin/eye contact, and use suitable protective equipment. Prevent entry to drains and collect spillage in suitable closed containers. Because the CAS-level SDS identifies an aquatic hazard, avoid environmental release and collect contaminated washings.

SECTION 7: Handling and storage	
Precautions for safe handling	Handle with ventilation and suitable protective clothing. Avoid skin and eye contact and aerosol formation. Keep containers tightly closed in a dry, cool and well-ventilated place away from food and incompatible materials.

SECTION 7: Handling and storage

Conditions for safe storage, including incompatibilities	Keep tightly closed in a cool, dry, well-ventilated place. Public manufacturer storage period: two years. If turbidity or solidification occurs at low temperature, homogenize before use only under the final supplier's instructions.

SECTION 8: Exposure controls/personal protection

Occupational exposure limit values	Laureth-9 (GENAPOL LA 090): No OSHA, NIOSH or ACGIH occupational exposure limits are established in the SDS.
Biological limit values	No biological limit values were identified in the reviewed sources.
Appropriate engineering controls	No occupational or biological exposure limits are stated in the public SDS. Provide adequate ventilation; wear tightly fitting safety goggles, suitable impervious gloves and protective clothing. Use respiratory protection where exposure or irritation warrants it.
Eye/face protection	Use safety eyewear appropriate to the risk of exposure.
Skin and body protection	Wear suitable protective gloves and clothing appropriate to the risk of exposure.
Respiratory protection	Use suitable respiratory protection if exposure limits may be exceeded or dust, mist or vapour is generated.
Thermal hazards	No specific thermal hazards were identified in the reviewed sources; see Sections 5 and 10.

SECTION 9: Physical and chemical properties

Physical state	AEO-3: clear liquid or paste; AEO-7: clear or slightly turbid; AEO-10: colorless to yellowish transparent liquid; no unified form
Colour	Laureth-3 (GENAPOL LA 030): Colourless liquid. Laureth-7 (GENAPOL LA 070 S): Cloudy liquid; Clariant describes GENAPOL LA 070 as a colourless, cloudy liquid. Laureth-9 (GENAPOL LA 090): White liquid.
Odour	Laureth-3 (GENAPOL LA 030), Laureth-7 (GENAPOL LA 070 S) and Laureth-9 (GENAPOL LA 090): Characteristic odour.
Melting point / freezing point	Laureth-7 (GENAPOL LA 070 S): 15 deg C; Clariant separately reports a pour point of 15 deg C for GENAPOL LA 070.
Boiling point / boiling range	Laureth-7 (GENAPOL LA 070 S): Greater than 100 deg C.
Flammability	No data available
Explosion / flammability limits	No data available
Flash point	Laureth-3 (GENAPOL LA 030): 150 deg C, DIN 51758. Laureth-7 (GENAPOL LA 070 S): 176 deg C. Laureth-9 (GENAPOL LA 090): Greater than 237 deg C.
Auto-ignition temperature	Laureth-9 (GENAPOL LA 090): Approximately 230 deg C, DIN 51794.
Decomposition temperature	No data available
pH	Laureth-3 (GENAPOL LA 030): 6-8 at 20 deg C (Univar). Laureth-7 (GENAPOL LA 070 S): 6-11 at 20-25 deg C (Univar); Clariant reports 6-8 for 50 g/L in ethanol/water 1:1. Laureth-9 (GENAPOL LA 090): 6-8 for a 1% solution at 20 deg C in isopropanol/water 3:1.
Viscosity	Laureth-3 (GENAPOL LA 030): Dynamic viscosity estimated at 25 mPa.s at 20 deg C.
Solubility	Laureth-7 and Laureth-9 are readily water-soluble.
Partition coefficient n-octanol/water	Laureth-7 (GENAPOL LA 070 S): log Pow 6.
Vapour pressure	Laureth-7 (GENAPOL LA 070 S): Less than 0.01 mmHg at 20-25 deg C.
Density and/or relative density	No shared density, molecular weight or fixed formula is claimed.

SECTION 9: Physical and chemical properties

Relative vapour density	No data available
Particle characteristics	Not applicable (liquid).
Additional information	Laureth-3 is dispersible in water and readily dissolved in oils and other polar solvents; Laureth-7 and Laureth-9 are readily water-soluble. Appearance and cloud point vary by EO grade as listed in the specifications. No shared density, molecular weight or fixed formula is claimed.

SECTION 10: Stability and reactivity

Reactivity	No data available
Chemical stability	Laureth-7 (GENAPOL LA 070): Stable in caustic and basic formulations according to Clariant product data. Laureth-9 (GENAPOL LA 090): Stable under normal use and does not decompose when used according to specifications.
Possibility of hazardous reactions	Laureth-9 (GENAPOL LA 090): No hazardous reactions under normal use.
Conditions to avoid	Laureth-9 (GENAPOL LA 090): Avoid strong acids, oxidising agents and strong bases.
Incompatible materials	Laureth-9 (GENAPOL LA 090): Strong oxidising agents.
Hazardous decomposition products	Laureth-9 (GENAPOL LA 090): Hazardous decomposition can produce toxic gases or vapours.

SECTION 11: Toxicological information

Toxicological summary	The CAS-level public SDS assigns Acute Tox. 4 (oral) and Eye Dam. 1. Numerical grade-specific toxicological values for Laureth-3/7/9: no data available in the selected sources.

SECTION 12: Ecological information

Environmental fate	The CAS-level public SDS assigns Aquatic Acute 1 and marks transport environmental hazards 'Yes'. Numerical aquatic-toxicity, degradation, bioaccumulation and mobility values for the three grades: no data available in the selected sources.

SECTION 13: Disposal considerations

Product disposal methods	Use an appropriate licensed treatment/disposal facility in accordance with applicable regulations and product characteristics. Do not discharge to sewer systems or surface water; manage contaminated packaging as regulated waste.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal in accordance with local regulations.

SECTION 14: Transport information

UN Number (ADR/RID, IMDG, IATA)	Not regulated as dangerous goods
UN Proper Shipping Name	Not regulated as dangerous goods
Transport hazard class(es)	Not regulated as dangerous goods
Packing group	Not regulated as dangerous goods
Environmental hazards / Marine pollutant	See cited public SDS

SECTION 14: Transport information

Special precautions for user	ADR/RID, IMDG and IATA: Not dangerous goods in the cited public SDS, with the note 'For reference only, please check'. Section 14 marks environmental hazards 'Yes'. Final grade-specific transport and marine-pollutant assessment is subject to the Richest SDS.

SECTION 15: Regulatory information

Safety, health and environmental regulations specific for the product	No food, cosmetic or pharmaceutical compliance status is claimed. Confirm inventory status, residual ethylene oxide/1,4-dioxane controls and destination-specific environmental requirements against the final supplier documentation.

SECTION 16: Other information

Full text of H-Statements	No data available
Revision date	2026-11-16
Version	1.0
References	Supplier technical documents, public SDS/COA/TDS and regulatory sources reviewed. Public data citations are listed below. Public data sources: Laureth-3 — technical specification: https://www.jiujiechem.com/fatty_alcohol_ethoxylates_series-show-211.html | Laureth-7 — technical specification: https://www.jiujiechem.com/fatty_alcohol_ethoxylates_series-show-215.html | Laureth-9 — technical specification: https://www.jiujiechem.com/fatty_alcohol_ethoxylates_series-show-218.html | Polyoxyethylene lauryl ether Safety Data Sheet, CAS 9002-92-0: https://www.chemicalbook.com/msds/Polyoxyethylene-lauryl-ether.pdf | ROKAnol L7 (Laureth-7) — commercial identity reference: https://www.products.pcc.eu/en/id/8913/rokanol-l7-laureth-7-4/ | ROKAnol L9R MB (Laureth-9) — commercial identity reference: https://www.products.pcc.eu/en/id/1379722/rokanol-l9r-mb-laureth-9-3/ | GENAPOL LA 030 Product Details: https://www.univarsolutions.com/genapol-la-030-3965344 | GENAPOL LA 030 Product Page: https://www.clariant.com/en/products/genapol-la-030-1 | GENAPOL LA 070 S Product Details: https://www.univarsolutions.com/genapol-la-070s-3401092 | GENAPOL LA 070 Product Page: https://www.clariant.com/en/Solutions/Products/2021/02/24/18/01/Genapol-LA-070 | GENAPOL LA 090 Safety Data Sheet (document mirror): https://pdfcoffee.com/genapol-la-090-msds-pdf-free.html
Abbreviations	CAS: Chemical Abstracts Service; ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road; IMDG: International Maritime Dangerous Goods; IATA: International Air Transport Association; SDS: Safety Data Sheet.
Disclaimer	The information in this SDS applies to the specified product and is provided in good faith based on information available to Richest Group at the date of issue. It describes health, safety and environmental requirements and does not constitute a guarantee of product properties. Users must assess suitability and comply with applicable regulations.