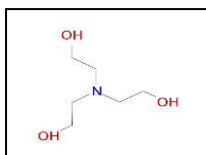


	Dossier technique et réglementaire / <i>technical and regulatory document</i> TRIETHANOLAMINE 99% COSMETIQUE	Juillet 2025 / July 2025
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INCI: Triethanolamine
N°CAS: 102-71-6
N°EINECS/ELINCS: 203-049-8

DESCRIPTION / DESCRIPTION :

Produit obtenu par action de l'ammoniac sur l'oxyde d'éthylène / *Product obtained by the action of ammonia on ethylene oxide*

Formule chimique / *Chemical formula*: C₆H₁₅NO₃

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS :

CARACTERISTIQUES	SPECIFICATIONS	METHODS / METHODS
Aspect / <i>Aspect</i>	Limpide, incolore à jaune pâle / <i>clear, colorless to pale yellow</i>	Visuel / <i>visual</i>
Densité à 20°C / <i>Density at 20°C</i>	1.118 – 1.128 g/ml	1BEA21
Teneur en eau / <i>Water content</i>	≤ 0.2 %	1BEA03
Teneur en TEA / <i>TEA content</i>	≥ 99 %	1BEA04
Teneur en DEA / <i>DEA content</i>	≤ 0.4 %	1BEA04
Teneur en MEA / <i>MEA content</i>	≤ 0.1 %	1BEA04
Couleur Hazen / <i>Hazen color</i>	≤ 40	1BEA08
Teneur en fer / <i>Iron content</i>	≤ 5 mg/kg	1BEA01

Ces éléments seront repris sur nos BA / *these elements will be on our CoA*

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION :

Poids moléculaire: typique 149 g/mol / *molecular weight: typical 149 g/mol*

Point d'ébullition à 760 mmHg: typique 360°C / *boiling point at 760 mmHg: typical 360°C*

Point de congélation: typique 21°C / *freezing point: typical 21°C*

Viscosité à 20°C : typique 810 cP / *viscosity at 20°C : typical 810 cP*

Indice de réfraction n_D²⁰ : typique 1.4852 / *refractive index n_D²⁰ : typical 1.4852*

NDELA ≤ limite de détection (25 ppb) / *NDELA ≤ detection limit (25 ppb)*

Ce produit est hygroscopique, soluble dans l'eau dans toutes les proportions et miscible dans divers solvants organiques / *this product is hygroscopic, water soluble in all proportions and miscible with numerous organic solvents*

ISO 16128 : 0/0/0/0

APPLICATIONS :

Cosmétique / *Cosmetic*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING :

Tonnelet de 60 kg ouverture totale – Fût plastique de 220kg – IBC 1100 kg

60 kg keg – 220kg plastic drum – 1100 kg IBC

Matière première non classifiée comme substance dangereuse (conférer notre fiche de données de sécurité) / *Raw material not classified as dangerous substance (confer our safety data sheet)*

Conserver l'emballage bien fermé, dans un endroit sec et bien ventilé à une température inférieure à 60°C / *Keep packaging tightly closed in a dry and well-ventilated place at a temperature below 60°C*

Remarque : ce produit se fige à environ 20°C / *Note : This product freezes at about 20°C*

	Dossier technique et réglementaire / <i>technical and regulatory document</i> TRIETHANOLAMINE 99% COSMETIQUE	Juillet 2025 / July 2025
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Additives	<i>No data available</i>
Allergen	This product is expected to be free from allergens described in Annex II of regulation N° 1169/2011, such as animal and fish products, shellfish, nuts, groundnut, eggs, milk, wheat, soy, celery, mustard, sesame, gluten, lupine, SO2 and sulphites This product meets the requirements of the Cosmetics Regulation (EC) No 1223/2009 and 2023/1545 (Annex III, List of substances which cosmetic products must not contain except subject to the restrictions laid down) as described in the annex restriction III/62
Animal Testing	No animal testing for cosmetic purposes (regulation No 1223/2009/EC) has been performed on the product. Animal testing will only be performed for REACH purposes
BSE - Bovine Spongiform Encephalopathy	This product is free of BSE/TSE
California Prop 65	This product is not listed under Proposition 65 State Drinking Water and Toxic Enforcement act but following contaminants or by-products are known to the State of California to cause cancer or reproductive toxicity: Diethanolamine (CAS:111-42-2) at trace levels less than 0.4 wt%
Carcinogenic, Mutagenic and Reprotoxic (CMR)	This product is not tested on a routine basis. The production route for doesn't entail the use of this product in any stage of the manufacturing process, nor has been seen to be produced within the process, and from this, it is reasonable to assume that CMR compounds following European regulation 1272/2008/EC are not present in this product.
Composition	TEA ≥ 99 %, Impurities: monoethanolamine: ≤ 0.1 %, diethanolamine: ≤ 0.4 %, ethylene glycol: ≤ 0.4 %
Cosmetic	This product meets the requirements of the cosmetics regulation (EC) No 1223/2009 latest version 2023/1490 & 2023/1545 (annex III, list of substances which cosmetics products must not contain except subject to the restrictions laid down) as described in the annex restriction III/62 on leave-on products (maximum concentration to be used: 2.5 %), rinse-off products. For both product type following restrictions are applicable: not to be used with nitrosating systems, maximum purity: 99%, maximum secondary amine content: 0.5 % (applies to raw materials), maximum nitrosamine content: 50 µg/kg, keep in nitrite-free containers. The DEA content is less than 0.5 % and that the purity of TEA99 is minimum 99 %. The detection of NDELA has been tested and no reportable quantities have been detected (the detected limit is 25 ppb)
Cosmos / Ecocert	This product is synthetic – not accepted by Cosmos
Danger	This product is not classified as dangerous according to CLP and ADR
Dioxane	<i>No data available</i>
Ecolabel	Ecolabel declarations is available for this product
European Pharmacopeia	<i>No data available</i>
Food	Is not a food grade product
Genetically Modified Organisms (GMO)	This product is free of GMO
Inventories	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Korea ECL (KE-25940), Philippines PICCS, Australia AICS, Canada DSL, Taiwan CSNN, Japan ENCS/MITI (2-308)
Geographic origin (for plant)	Not concerned
Glycol ether	This product is free of glycol ether
Halal	This product is not Halal certified but raw materials, intermediates, and finished products are entirely free of any animal, dairy, marine or grape materials or their derivatives.
Heavy Metals	Heavy metals (specifically arsenic, lead and mercury) are not present above 5 ppm,

	Dossier technique et réglementaire / <i>technical and regulatory document</i> TRIETHANOLAMINE 99% COSMETIQUE	Juillet 2025 / July 2025
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	which is the detection limit of the analytical method
HS code	29221310
Irradiation / ionization	This product has not been treated with / has not been exposed to ionizing radiation of any type (including radioactive radiation)
Kosher	This product is not Kosher certified but raw materials, intermediates, and finished products are entirely free of any animal, dairy, marine or grape materials or their derivatives.
Latex	<i>No data available</i>
Manufacturing location	France
Microbiological data	This product doesn't contain micro-organisms
Microplastics	Not expected
Nanomaterials	This product doesn't contain nanomaterials (nanoparticles, substances at nanoscale)
Nitrosamines	We confirm that the presence of NDELA has been tested and no reportable quantities have been detected. The detection limit of the method used is < 20 ppb (parts per billion). We also confirm that TEA99 is stored and transported in nitrite free containers and drums.
Nutritional data	Not concerned
Origin	Petrochemical and synthetic
PAH/PFAS	<i>No data available</i>
Pesticide	Pesticide is not expected to be present
Phthalate	<i>No data available</i>
Preservative	This product doesn't contain preservatives
Process	This product is produced by the reaction of ammonia with ethylene oxide. A distillation process performs separation and purification of the final product
REACH	This product is registered 01-2119486482-31
Residual Solvents	This product doesn't contain solvents
RSPO	This product doesn't contain substances which are derived from palm oil or palm kernel oil – not concerned
Shelf Life before re-check	2 years
Substances of Very High Concern (SVHC)	This product is not listed or contain substances mentioned on the "Candidate List of Substances of very High Concern" SVHC in concentration $\geq 0.1\%$
Volatiles organic compounds (VOC)	This product doesn't contain VOC according to directive 2010/75/UE

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Ce document annule et remplace tous documents techniques et réglementaires précédents / *This document cancels and replaces all technical and regulatory previous documents.*