

QUALITY & Regulatory Product Information
TRIETANOLAMMINA 99 SPECIAL

1. Identity

INCI (CTFA) Name: Triethanolamine

For colorants:

☐ Colour Index No.

CAS: 102-71-6

Listing in Chemical Inventories:

☒ Europe

EINECS/EILINCS No.: 203-049-8

☒ Switzerland

☒ EINECS/NLP:203-049-8

☐ notified as new substance:

☒ Japan

☒ ENCS* No.: (2)-308

☒ ISHL No.: (2)-308

☒ Korea (ECL) No.: KE-25940

☒ Austria (AICS)

☒ China (IECSC)

☒ Philippines (PICCS)*

☒ USA (TSCA)*

☒ Canada (DSL)

*Chemicals for cosmetic application are exempted

Additional Identification Numbers (Applicable only for Aroma Chemicals):

☐ Co-E No.:

☐ FEMA

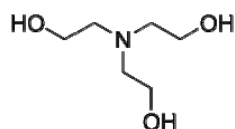
☐ CFR

☐

☐ HTS

☐ FCC

2. Structural formula



3. Product Specification

☒ see attached specification

4. Technical Information (Application Guide)

☒ see attached Technical Information

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5. Production

Manufacturer:

☒ INEOS

Country of origin: ☒ EU

☐ Extra-CE

Certification: ☒ Certified according to ISO 9001/2008

☐ see attached certificate

Manufacturing Process:

☒ synthetic

☐ by fermentation

☐ purification of a natural product

6. Storage conditions and temperature

☐ Storage Temperature: 20 – 40°C

☐ Store refrigerated (+2 to +8°C)

☐ No special storage conditions

☒ Carefully reseal the container after opening

☐ Store the substance under inert gas

☒ Low storage temperatures (<23 °C) lead to the following phenomena:

Congealing

☒ which is irreversible, if
30°C and stirring

☐ which is irreversible.

☐ Others

Retest period (if the storage conditions are maintained): 12 months

7. Stabilisation of the Product

The following substances are added to the product (during or after manufacture) for purpose of stabilization

☐ Preservatives:

☐ Antioxidants:

☐ Sequestering agents (complexing agents):

☐ Stabiliser based on alpha-Tocopherol

☒ No additives

☐ Other substances:

8. Additional Product Information

a) Raw materials

Based on our actual knowledge, the raw materials are

☐ of animal origin

BSE –class:

☐ of plant origin:

☐ Not of animal or plant origin

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- ☒ Base on mineral oil/natural gas:
- ☐ inorganic
- ☒ GMO free (produced without genetic engineering)
- ☒ GMO-DNA free (not containing GMO-DNA)

b) Solvents

- ☒ based on actual knowledge of our production process, raw materials and equipment used we do not expect solvents to be present
- ☐ may contain solvents (in case of ethanol with denaturizing agent):
- ☐ solvents removed after synthesis:

- ☐ meets the "residual solvent" requirements of Ph. Eur. , Chapter 5.4 and USP <467>
- ☒ ethanol not used for synthesis:

c) Catalysts used

- ☒ based on our knowledge of our production process, raw materials and equipment used we do not expect catalysts to be present
- ☐ Yes:

d) Heavy metals

- ☐ Meets the legal requirements:

- ☒ max. 10 ppm
- ☐ based on our actual knowledge of the production process, raw materials and equipment used we do not expect heavy metals to be present
- ☐ Effect Pigments and Iron Oxide: see Production Specification

e) Pesticides (organochlorine and organophosphorous)

- ☒ based on our actual knowledge of the production process, raw materials and equipment used we do not expect pesticides to be present

f) Polycyclic aromatic Hydrocarbons

- ☒ based on our actual knowledge of our product process, raw materials and equipment used we do not expect polycyclic aromatic hydrocarbons to be present
- ☐ Benzo-(a)-pyrene:
- ☐ Fluoranthene:
- ☐ Benzo-(k)-fluoranthene:
- ☐ Benzo-(ghi)-perylene:
- ☐ Indeno-(1,2,3,cd)-pyrene
- ☐ additional comments:

g) Other impurities

- | | |
|------------------------|----|
| 1,4-dioxane: | nt |
| Diethylene glycol: | nt |
| Free ethylene oxide: | nt |
| Monochloroacetic acid: | nt |

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Dichloroacetic acid:	nt
Sulfite:	nt
Monomer content:	nt
Nitrosamines:	max. 50 ppb
Residual reactant:	nt
Aromatic Amines:	nt
Acrylamide:	nt
Others:	Propylene oxide max. 1 ppm

Nt: based on our actual knowledge of the production process, raw materials and equipment used we do not expect the substance to be present

[] additional comments:

h) Fragrance Allergens (added to Annex III of Regulation (EC) No 1223/2009 via Commission Regulation (EU) 2023/1545)

[X] highly unlikely to be present

[] see attached statement

i) Phthalates

[X] based on our actual knowledge of the process, raw materials and equipment used we do not expect phthalates to be present

[] see attach  statement

j) CMR (according to Reg. 1272/2008/CE - CLP)

[] based on our actual knowledge of the production process, raw materials and equipment used we do not expect CMR substances (Reg. 1272/2008/CE) to be present

[] see 8f/8g

[X] may contain the following substances:

diethanolamine	max. 0.2 %
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k) Glycol ether

[X] based on our actual knowledge of the production process, raw materials and equipment used we do not expect any following glycol ethers to be present:

Butyldiglycol (CAS:112-34-5)

Ethyldiglycol (CAS: 111-90-0)

2-Butoxyethanol (CAS: 111-76-2)

l) Conformity EU Regulation 1223/2009

We hereby confirm that the cosmetic raw material marketed by Faichim Chemicals S.R.L. does conform with the requirements laid down for cosmetic ingredients in the Cosmetic Regulation 1223/2009/EC and its Amendment as currently in force.

m) Nanomaterials

[X] based on actual knowledge of our production process, raw materials and equipment used we do not expect nanomaterials to be present

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n) IFRA Recommendation (applicable only for Aroma Chemicals)

☒ Product is in conformity with IFRA-guidelines (Details:
<http://www.ifraorg.org/Guidelines.asp>)

o) Proposition 65

☐ based on our knowledge of the production process, raw materials and equipment used we do not expect substances listed in The Safe Drinking Water and Toxic Enforcement Act of 1986 ("Proposition 65")
☒ may contain:
N-Nitrosodiethanolamine CAS 1116-54-7 max. 50 ppb

9. Microbiological Information

☒ based on our current knowledge we do not expect microbiological contamination
☐ see specification
☐ additional comments:

10. Safety and Environment

☒ current EU Safety Data Sheet is available upon request
☒ Toxicological information: see Safety Data Sheet
☒ Ecotoxicological information: see Safety Data Sheet
☒ Year or last animal testing by or on behalf of manufacturer: 1998.

18/06/2025, San Giovanni Lupatoto

Faichim Chemicals S.R.L.
Regulatory Department

This questionnaire has been produced electronically and is valid without signature.