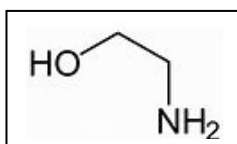


	Dossier technique et réglementaire / <i>Technical and regulatory document</i> MONOETHANOLAMINE	Décembre 2019 / <i>December 2019</i>
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INCI : **ethanolamine**
N°CAS : 141-43-5
N°EINECS/ELINCS: 205-483-3

DESCRIPTION / DESCRIPTION:

La monoéthanolamine également appelée éthanolamine ou 2-aminoéthanol, est un composé chimique organique. Elle est produite par réaction entre l'oxyde d'éthylène et l'ammoniaque aqueux. Ce produit est dangereux.

Monoethanolamine, also known as ethanolamine or 2-aminoethanol, is an organic chemical compound. It is produced by reaction between ethylene oxide and aqueous ammonia.

This product is dangerous.

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS:

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Teneur en eau	$\leq 0.6\%$	DIN 51 777 / ASTM E 203
Pureté	$\geq 99.0\%$	GC
Teneur en DEA	$\leq 0.7\%$	GC
Couleur Hazen	≤ 25	DIN EN 1557 / ASTM D 1209

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

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION:

Densité à 20°C / *Density at 20°C* ~ 1.013 – 1.020 g/ml

Indice de réfraction à 20°C / *Refractive index at 20°C* ~ 1.450 – 1.460

Soluble dans l'eau / *Soluble in water*

Cristallise en dessous de 11°C / *Crystallizes below 11°C*

APPLICATIONS:

Usage technique / *technical use*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING:

Fût de 205 ou 210 kg, IBC de 1000 ou 1016 kg / *205 or 210 kg drum, 1000 or 1016 kg IBC*

Matière première classifiée comme substance dangereuse (voir FDS) / *Raw material classified as dangerous substance (see MSDS)*

Additives	No data available
Allergen	No data available
Animal Testing	No data available
BSE - Bovine Spongiform Encephalopathy	No substance coming from animal sources in intentionally added in the manufacturing process of this product.
California Prop 65	This product (CAS: 141-43-5) is not listed Contains diethanolamine (CAS : 111-42-2) $\leq 0.7\%$ listed
Carcinogenic, Mutagenic and Reprotoxic (CMR)	No data available
Composition	Monoethanolamine $\geq 99\%$, main impurities: Diethanolamine $\leq 0.7\%$; triethanolamine; water
Cosmetic	This product is not manufactured for cosmetics used
Cosmos / Ecocert	This product is obtained by a chemical process – not accepted by Cosmos

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Danger	This product is classified as dangerous in accordance with CLP and ADR : UN 2491
Dioxane	<i>No data available</i>
Ecolabel	This product is H412 classified, these substances are restricted by Ecolabel
European Pharmacopeia	<i>No data available</i>
Food	Is not a food grade product
Genetically Modified Organisms (GMO)	No chemical substance coming from vegetable sources or from genetically organism is intentionally added in the manufacturing process of this product, therefore, the presence of GMO is not expected
Inventories	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Korea KECI, Philippines PICCS, Australia AICS, Canada DSL
Geographic origin (for plant)	Not concerned
Glycol ether	<i>No data available</i>
Halal	<i>No data available</i>
Heavy Metals	<i>No data available</i>
HS code	29221100
Irradiation / ionization	<i>No data available</i>
Kosher	<i>No data available</i>
Latex	<i>No data available</i>
Manufacturing location	<i>No data available</i>
Microbiological data	<i>No data available</i>
Nanomaterials	<i>No data available</i>
Nutritional data	Not concerned
Origin	100% synthetic
Pesticide	Pesticides are not known to be present in this product
Phthalate	<i>No data available</i>
Preservative	<i>No data available</i>
Process	Produced by treating ethylene oxide with aqueous ammonia
REACH	This product is registered 01-2119486455-28
Residual Solvents	<i>No data available</i>
RSPO	Not concerned – Doesn't contain palm oil and palm kernel oil derivate
Shelf Life before re-check	<i>No data available</i>
Substances of Very High Concern (SVHC)	<i>No data available</i>
Volatiles organic compounds (VOC)	<i>No data available</i>

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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.*