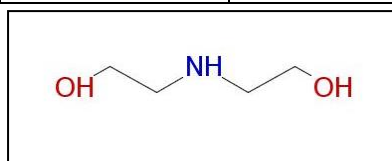


	Dossier technique et réglementaire / <i>Technical and regulatory document</i> DIETHANOLAMINE	Septembre 2019 / <i>September 2019</i>
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INCI : –
N°CAS : 111-42-2
N°EINECS/ELINCS : 203-868-0

DESCRIPTION / DESCRIPTION :

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

CARACTERISTIQUES GARANTIES / GUARANTEED SPECIFICATIONS :

CARACTERISTIQUES	SPECIFICATIONS	METHODES / METHODS
Aspect / <i>aspect</i>	Sans impuretés visibles / <i>Without visible impurities</i>	
Couleur HAZEN / <i>HAZEN color</i>	≤ 20	DIN EN 1557
Teneur en eau / <i>Water content</i>	≤ 0.2 %	DIN 51 777
Pureté / <i>Purity</i>	≥ 98 %	GC
MEA	≤ 1 %	GC
TEA	≤ 1 %	GC

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

Ces caractéristiques sont conformes aux précédentes spécifications datées de Septembre 2011 / *These features are in accordance with previous specifications dated on September 2011*

CARACTERISTIQUES A TITRE D'INFORMATION / ADDITIONAL INFORMATION :

Soluble dans l'eau / *Soluble in water*

Point de fusion / *Melting point* : ≈ 27.4°C

Densité relative à 20°C / *Relative density at 20°C* : ≈ 1.090

APPLICATIONS :

Produit chimique utilisé pour la synthèse et / ou la formulation de produits industriels ou de laboratoire / *Chemical product used for the synthesis and / or the formulation of industrial or laboratory products*

CONDITIONNEMENT STANDARD / STANDARD PACKAGING :

Fût de 220 kg, tonnelet 30 / 60 kg / *220 kg drum, 30/60 kg keg*

Matière première classifiée comme substance dangereuse, voir FDS / *Raw material classified as dangerous substance, see SDS*

Additives	No data available
Allergen	No data available
Animal Testing	No data available
BSE - Bovine Spongiform Encephalopathy	BSE are not expected to be in this product
California Prop 65	This product (CAS: 111-42-2) is listed in the California Proposition 65 to cause cancer
Carcinogenic, Mutagenic and Reprotoxic (CMR)	No data available
Composition	≥ 98 % diethanolamine
Cosmetic	This product is not for cosmetic applications
Cosmos / Ecocert	This product has a chemical synthesis – not accepted by Cosmos
Danger	This product is classified as dangerous according to CLP but not applicable to ADR

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Dioxane	<i>No data available</i>
Ecolabel	<i>No data available</i>
European Pharmacopeia	Not concerned
Food	Is not a food grade product
Genetically Modified Organisms (GMO)	GMO (cell, protein, DNA) is not expected to be present in this product
Inventories	Compliant with China IECSC, USA TSCA, New Zealand NZIoC, Taiwan TCSI, 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	29221200
Irradiation / ionization	<i>No data available</i>
Kosher	<i>No data available</i>
Latex	<i>No data available</i>
Manufacturing location	Germany
Microbiological data	<i>No data available</i>
Nanomaterials	This product is not concerned by the French decree N° 2012 - 232
Nutritional data	Not concerned
Origin	100% synthetic
Pesticide	Pesticides are not expected to be in this product
Phthalate	<i>No data available</i>
Preservative	<i>No data available</i>
Process	<i>No data available</i>
REACH	This product is registered 01-2119488930-28
Residual Solvents	<i>No data available</i>
RSPO	This product doesn't contain palm or palm kernel – not concerned
Shelf Life before re-check	This product is a technical product – not concerned by shelf life
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.*