UN1296 Triethylamine 99.5% Analytical Grade

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878

Date of issue: 16/01/2013 Revision date: 02/01/2023 Supersedes version of: 30/04/2018 Version: 2.3

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

1.1. Product identifier

Product form	:	Substance
Trade name	:	UN1296 Triethylamine 99.5% Analytical Grade
Chemical name	:	triethylamine
IUPAC name	:	triethylamine
EC Index-No.	:	612-004-00-5
EC-No.	:	204-469-4
CAS-No.	:	121-44-8
Product code	:	TRIE-00A

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Laboratory use

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

labbox labware s.l.
Migjorn, 1
P.O. Box Barcelona (SPAIN)
08338 Premia de Dalt – SPAIN
ES
T +34 937 07 79 70 - F +34 937 909 532
info@labbox.com - www.labbox.com

1.4. Emergency telephone number

Emergency number : +34 937 077 970 (For technical information_Office Hours) In case of medical emergency phone 112 or to your local emergency number.

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA	0344 892 0111	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Flammable liquids, Category 2	H225
Acute toxicity (oral), Category 4	H302
Acute toxicity (dermal), Category 3	H311
Acute toxicity (inhal.), Category 3	H331
Skin corrosion/irritation, Category 1A	H314
Serious eye damage/eye irritation, Category 1	H318
Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation	H335

Full text of H and EUH statements: see section 16

Specific concentration limits:

(1 ≤C < 100)	STOT SE 3, H335

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS02 GHS05 GHS07

Signal word (CLP) : Danger

Hazard statements (CLP) : H225 - Highly flammable liquid and vapour.
H302+H312+H332 - Harmful if swallowed, in contact with skin or if inhaled.
H314 - Causes severe skin burns and eye damage.

Precautionary statements (CLP) : P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P301+P330+P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance type : Mono-constituent

Name	Product identifier	%
Triethylamine 99.5%	CAS-No.: 121-44-8 EC-No.: 204-469-4 EC Index-No.: 612-004-00-5	100

3.2. Mixtures

Not applicable

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Get medical advice/attention if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary.

First-aid measures after skin contact : When symptoms occur: rinse immediately with plenty of water. Take off immediately all contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Consult an eye specialist.

First-aid measures after ingestion : Go into open air and ventilate suspected area. Rinse mouth. Do not induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : Causes severe skin burns and eye damage.

Symptoms/effects after inhalation	:	Danger of serious damage to health by prolonged exposure through inhalation.
Symptoms/effects after skin contact	:	Repeated exposure to this material can result in absorption through skin causing significant health hazard.
Symptoms/effects after eye contact	:	Serious damage to eyes.
Symptoms/effects after ingestion	:	Swallowing a small quantity of this material will result in serious health hazard.

4.3. Indication of any immediate medical attention and special treatment needed

Never give anything by mouth to an unconscious person.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	:	ABC-powder.
Unsuitable extinguishing media	:	Strong water jet.

5.2. Special hazards arising from the substance or mixture

Fire hazard	:	Highly flammable liquid and vapour.
Hazardous decomposition products in case of fire	:	fume. Corrosive vapours.

5.3. Advice for firefighters

Firefighting instructions	:	Exercise caution when fighting any chemical fire.
Protection during firefighting	:	Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	:	Flammable.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	:	Remove ignition sources. No open flames. No smoking. No flames, no sparks. Eliminate all sources of ignition.

6.1.1. For non-emergency personnel

Emergency procedures	:	Only qualified personnel equipped with suitable protective equipment may intervene. Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment	:	Equip cleanup crew with proper protection. Do not attempt to take action without suitable protective equipment. Use personal protective equipment as required.
Emergency procedures	:	Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

For containment	:	Collect spillage.
Methods for cleaning up	:	Collect spillage. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. This material and its container must be disposed of in a safe way, and as per local legislation. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible.

6.4. Reference to other sections

See Heading 8. For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed	:	Keep containers closed.
Precautions for safe handling	:	Ensure good ventilation of the work station. Eliminate all ignition sources if safe to do so. Use only outdoors or in a well-ventilated area.
Hygiene measures	:	Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	:	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Store in a well-ventilated place. Keep container tightly closed.
Incompatible products	:	Strong acids. Strong bases.
Incompatible materials	:	Heat sources. Sources of ignition. Direct sunlight. combustible materials.
Storage area	:	Store away from heat. Store in a well-ventilated place.
Special rules on packaging	:	Store in a closed container. Keep only in original container.

7.3. Specific end use(s)

Laboratory chemicals.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

UN1296 Triethylamine 99.5% Analytical Grade (121-44-8)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Triethylamine
IOEL TWA	8,4 mg/m³
IOEL TWA [ppm]	2 ppm
IOEL STEL	12,6 mg/m³
IOEL STEL [ppm]	3 ppm
Remark	Skin
France - Occupational Exposure Limits	
Local name	Triéthylamine
VME (OEL TWA)	4,2 mg/m³
VME (OEL TWA) [ppm]	1 ppm
VLE (OEL Ceiling/STEL)	12,6 mg/m³
VLE (OEL Ceiling/STEL) [ppm]	3 ppm
Remark	Valeurs règlementaires contraignantes; risque de pénétration percutanée
Germany - Occupational Exposure Limits (TRGS 900)	
Local name	Triethylamin
AGW (OEL TWA) [1]	4,2 mg/m³
AGW (OEL TWA) [2]	1 ppm
Remark	DFG,EU,H,6
Italy - Occupational Exposure Limits	
Local name	Trietilammina

UN1296 Triethylamine 99.5% Analytical Grade (121-44-8)	
OEL TWA	8,4 mg/m³
OEL TWA [ppm]	2 ppm
OEL STEL	12,6 mg/m³
OEL STEL [ppm]	3 ppm
Portugal - Occupational Exposure Limits	
Local name	Trietilamina
OEL TWA [ppm]	1 ppm
OEL STEL [ppm]	3 ppm
Spain - Occupational Exposure Limits	
Local name	Trietilamina
VLA-ED (OEL TWA) [1]	8,4 mg/m³
VLA-ED (OEL TWA) [2]	2 ppm
VLA-EC (OEL STEL)	12,6 mg/m³
VLA-EC (OEL STEL) [ppm]	3 ppm
Remark	Vía dérmica (Indica que, en las exposiciones a esta sustancia, la aportación por la vía cutánea puede resultar significativa para el contenido corporal total si no se adoptan medidas para prevenir la absorción. En estas situaciones, es aconsejable la utilización del control biológico para poder cuantificar la cantidad global absorbida del contaminante. Para más información véase el Apartado 5 de este documento), f (Reacciona con agentes nitrosantes que pueden dar lugar a la formación de N-Nitrosaminas carcinógenas), VLI (Agente químico para el que la U.E. estableció en su día un valor límite indicativo. Todos estos agentes químicos figuran al menos en una de las directivas de valores límite indicativos publicadas hasta ahora (ver Anexo C. Bibliografía). Los estados miembros disponen de un tiempo fijado en dichas directivas para su transposición a los valores límites de cada país miembro. Una vez adoptados, estos valores tienen la misma validez que el resto de los valores adoptados por el país).
United Kingdom - Occupational Exposure Limits	
Local name	Triethylamine
WEL TWA [1]	8 mg/m³
WEL TWA [2]	2 ppm
WEL STEL	17 mg/m³
WEL STEL (ppm)	4 ppm
Remark	Sk (Can be absorbed through the skin. The assigned substances are those for which there are concerns that dermal absorption will lead to systemic toxicity)

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

UN1296 Triethylamine 99.5% Analytical Grade (121-44-8)	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	12,6 mg/m³
Acute - local effects, inhalation	12,6 mg/m³

UN1296 Triethylamine 99.5% Analytical Grade (121-44-8)	
Long-term - systemic effects, dermal	12,1 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	8,4 mg/m³
Long-term - local effects, inhalation	8,4 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	0,11 mg/l
PNEC aqua (marine water)	0,011 mg/l
PNEC aqua (intermittent, freshwater)	0,08 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	1,575 mg/kg dwt
PNEC sediment (marine water)	0,158 mg/kg dwt
PNEC (Soil)	
PNEC soil	0,25 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	100 mg/l

8.1.5. Control banding

No additional information available

8.2. Exposure controls

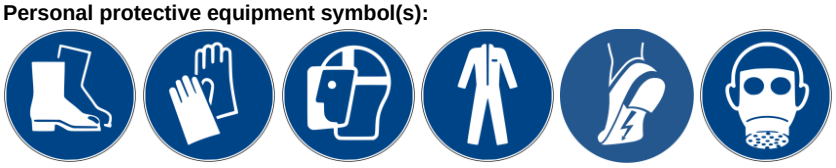
8.2.1. Appropriate engineering controls

Appropriate engineering controls:
Ensure good ventilation of the work station.

8.2.2. Personal protection equipment

Personal protective equipment:
Avoid all unnecessary exposure. EN 374.

Personal protective equipment symbol(s):



8.2.2.1. Eye and face protection

Eye protection:
Face shield

Eye protection			
Type	**Field of application**	**Characteristics**	**Standard**
Category II			EN 166, EN 167, EN 168

8.2.2.2. Skin protection

Skin and body protection:
Wear suitable protective clothing

Skin and body protection	
Type	**Standard**
Protective clothing	EN 1149-1, EN 1149-2, EN 1149-3, EN 13034, EN ISO 13982-1, EN ISO 6529, EN ISO 6530

Hand protection:
protective gloves

Hand protection					
Type	**Material**	**Permeation**	**Thickness (mm)**	**Penetration**	**Standard**
Category III					EN ISO 374-1, EN 374-3, EN 420

Other skin protection Materials for protective clothing		
Condition	**Material**	**Standard**
		EN ISO 13287, EN ISO 20345, EN 13832-1

8.2.2.3. Respiratory protection

Respiratory protection:
Wear appropriate mask

Respiratory protection			
Device	**Filter type**	**Condition**	**Standard**
			EN 405

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

No additional information available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Not available
Odour	:	Not available
Odour threshold	:	Not available
Melting point	:	-115 – -114,7 °C
Freezing point	:	Not available
Boiling point	:	89 °C
Flammability	:	Not available
Explosive limits	:	Not available
Lower explosion limit	:	1,2 vol %
Upper explosion limit	:	8 vol %
Flash point	:	-11 °C

Auto-ignition temperature	:	215 °C
Decomposition temperature	:	Not available
pH	:	12,5
Viscosity, kinematic	:	0,497 mm²/s
Viscosity, dynamic	:	0,363 mPa·s Temp.: 'other:25.0°C' Parameter: 'dynamic viscosity (in mPa s)'
Solubility	:	Not available
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Vapour pressure	:	72 hPa Temp.: 20 °C
Vapour pressure at 50 °C	:	Not available
Density	:	0,73 g/cm³ Type: 'density' Temp.: 20 °C
Relative density	:	0,7 Type: 'relative density'
Relative vapour density at 20 °C	:	Not available
Particle characteristics	:	Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

Relative evaporation rate (butylacetate=1) : 5,6

SECTION 10: Stability and reactivity

10.1. Reactivity

Stable in use and storage conditions as recommended in item 7.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat. heat sources. Direct sunlight.

10.5. Incompatible materials

Strong bases. Strong acids.

10.6. Hazardous decomposition products

No additional information available

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral)	:	Harmful if swallowed.
Acute toxicity (dermal)	:	Toxic in contact with skin.
Acute toxicity (inhalation)	:	Toxic if inhaled.

UN1296 Triethylamine 99.5% Analytical Grade (121-44-8)	
LD50 oral rat	730 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 401 (Acute Oral Toxicity)
LD50 dermal rabbit	580 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Skin corrosion/irritation : Causes severe skin burns.
pH: 12,5

Serious eye damage/irritation	:	Causes serious eye damage. pH: 12,5
Respiratory or skin sensitisation	:	Not classified
Germ cell mutagenicity	:	Not classified
Carcinogenicity	:	Not classified
Reproductive toxicity	:	Not classified
STOT-single exposure	:	May cause respiratory irritation.
STOT-repeated exposure	:	Not classified

UN1296 Triethylamine 99.5% Analytical Grade (121-44-8)	
LOAEC (inhalation, rat,dust/mist/fume, 90 days)	1,02 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study), Guideline: OECD Guideline 452 (Chronic Toxicity Studies)

Aspiration hazard : Not classified

UN1296 Triethylamine 99.5% Analytical Grade (121-44-8)	
Viscosity, kinematic	0,497 mm²/s

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute)	:	Not classified
Hazardous to the aquatic environment, long-term (chronic)	:	Not classified

UN1296 Triethylamine 99.5% Analytical Grade (121-44-8)	
LC50 - Fish [1]	24 mg/l Test organisms (species): Oryzias latipes
EC50 72h - Algae [1]	8 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
EC50 72h - Algae [2]	6,8 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)
LOEC (chronic)	14 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'
NOEC (chronic)	7,1 mg/l Test organisms (species): Ceriodaphnia dubia Duration: '7 d'

12.2. Persistence and degradability

UN1296 Triethylamine 99.5% Analytical Grade (121-44-8)	
Persistence and degradability	Product is biodegradable.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

Waste treatment methods : Must follow special treatment according to local regulation.

HP Code : HP3 - “Flammable:”
— flammable liquid waste: liquid waste having a flash point below 60 °C or waste gas oil, diesel and light heating oils having a flash point > 55 °C and ≤ 75 °C;
— flammable pyrophoric liquid and solid waste: solid or liquid waste which, even in small quantities, is liable to ignite within five minutes after coming into contact with air;
— flammable solid waste: solid waste which is readily combustible or may cause or contribute to fire through friction;
— flammable gaseous waste: gaseous waste which is flammable in air at 20 °C and a standard pressure of 101.3 kPa;
— water reactive waste: waste which, in contact with water, emits flammable gases in dangerous quantities;
— other flammable waste: flammable aerosols, flammable self-heating waste, flammable organic peroxides and flammable self-reactive waste.
HP6 - “Acute Toxicity:” waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.
HP8 - “Corrosive:” waste which on application can cause skin corrosion.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

UN-No. (ADR)	:	UN 1296
UN-No. (IMDG)	:	UN 1296
UN-No. (IATA)	:	UN 1296
UN-No. (ADN)	:	UN 1296
UN-No. (RID)	:	UN 1296

14.2. UN proper shipping name

Proper Shipping Name (ADR)	:	TRIETHYLAMINE
Proper Shipping Name (IMDG)	:	TRIETHYLAMINE
Proper Shipping Name (IATA)	:	Triethylamine
Proper Shipping Name (ADN)	:	TRIETHYLAMINE
Proper Shipping Name (RID)	:	TRIETHYLAMINE
Transport document description (ADR)	:	UN 1296 TRIETHYLAMINE, 3 (8), II, (D/E)
Transport document description (IMDG)	:	UN 1296 TRIETHYLAMINE, 3 (8), II (-11°C c.c.)
Transport document description (IATA)	:	UN 1296 Triethylamine, 3 (8), II
Transport document description (ADN)	:	UN 1296 TRIETHYLAMINE, 3 (8), II
Transport document description (RID)	:	UN 1296 TRIETHYLAMINE, 3 (8), II

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 3 (8)

Danger labels (ADR) : 3, 8

:



IMDG

Transport hazard class(es) (IMDG) : 3 (8)

Danger labels (IMDG) : 3, 8

:



IATA

Transport hazard class(es) (IATA) : 3 (8)

Danger labels (IATA) : 3, 8

:



ADN

Transport hazard class(es) (ADN) : 3 (8)

Danger labels (ADN) : 3, 8

:



RID

Transport hazard class(es) (RID) : 3 (8)

Danger labels (RID) : 3, 8

:



14.4. Packing group

Packing group (ADR) : II

Packing group (IMDG) : II

Packing group (IATA) : II

Packing group (ADN) : II

Packing group (RID) : II

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Classification code (ADR) : FC

Limited quantities (ADR) : 1l

Excepted quantities (ADR) : E2

Packing instructions (ADR) : P001, IBC02

Mixed packing provisions (ADR) : MP19

Portable tank and bulk container instructions (ADR) : T7

Portable tank and bulk container special provisions (ADR) : TP1

Tank code (ADR) : L4BH

Vehicle for tank carriage : FL

Transport category (ADR) : 2

Special provisions for carriage - Operation (ADR) : S2, S20

Hazard identification number (Kemler No.)	:	338
Orange plates	:	
Tunnel restriction code (ADR)	:	D/E
EAC code	:	•2WE
APP code	:	A(fl)

Transport by sea

Limited quantities (IMDG)	:	1 L
Excepted quantities (IMDG)	:	E2
Packing instructions (IMDG)	:	P001
IBC packing instructions (IMDG)	:	IBC02
Tank instructions (IMDG)	:	T7
Tank special provisions (IMDG)	:	TP1
EmS-No. (Fire)	:	F-E
EmS-No. (Spillage)	:	S-C
Stowage category (IMDG)	:	B
Stowage and handling (IMDG)	:	SW2
Flash point (IMDG)	:	-11°C c.c.
Properties and observations (IMDG)	:	Colourless liquid with a strong ammonia-like odour. Flashpoint: -11°C c.c. Explosive limits: 1.2% to 8% Miscible with water. Harmful by inhalation. Causes burns to skin and eyes. Irritating to mucous membranes.

Air transport

PCA Excepted quantities (IATA)	:	E2
PCA Limited quantities (IATA)	:	Y340
PCA limited quantity max net quantity (IATA)	:	0.5L
PCA packing instructions (IATA)	:	352
PCA max net quantity (IATA)	:	1L
CAO packing instructions (IATA)	:	363
CAO max net quantity (IATA)	:	5L
ERG code (IATA)	:	3CH

Inland waterway transport

Classification code (ADN)	:	FC
Limited quantities (ADN)	:	1 L
Excepted quantities (ADN)	:	E2
Carriage permitted (ADN)	:	T
Equipment required (ADN)	:	PP, EP, EX, A
Ventilation (ADN)	:	VE01
Number of blue cones/lights (ADN)	:	1

Rail transport

Classification code (RID)	:	FC
Limited quantities (RID)	:	1L
Excepted quantities (RID)	:	E2
Packing instructions (RID)	:	P001, IBC02
Mixed packing provisions (RID)	:	MP19
Portable tank and bulk container instructions (RID)	:	T7
Portable tank and bulk container special provisions (RID)	:	TP1
Tank codes for RID tanks (RID)	:	L4BH
Transport category (RID)	:	2
Colis express (express parcels) (RID)	:	CE7
Hazard identification number (RID)	:	338

14.7. Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)	
Reference code	**Applicable on**
3.	UN1296 Triethylamine 99.5% Analytical Grade
3(a)	UN1296 Triethylamine 99.5% Analytical Grade
3(b)	UN1296 Triethylamine 99.5% Analytical Grade
40.	UN1296 Triethylamine 99.5% Analytical Grade

REACH Annex XIV (Authorisation List)

UN1296 Triethylamine 99.5% Analytical Grade is not on the REACH Annex XIV List

REACH Candidate List (SVHC)

UN1296 Triethylamine 99.5% Analytical Grade is not on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

UN1296 Triethylamine 99.5% Analytical Grade is not subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 july 2012 concerning the export and import of hazardous chemicals.

POP Regulation (Persistent Organic Pollutants)

UN1296 Triethylamine 99.5% Analytical Grade is not subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Ozone Regulation (1005/2009)

Triethylamine 99.5% is not subject to REGULATION (EU) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009 on substances that deplete the ozone layer.

Explosives Precursors Regulation (2019/1148)

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

Drug Precursors Regulation (273/2004)

Contains no substance subject to Regulation (EC) 273/2004 of the European Parliament and of the Council of 11 February 2004 on the manufacture and the placing on market of certain substances used in the illicit manufacture of narcotic drugs and psychotropic substances.

15.1.2. National regulations

Germany

Water hazard class (WGK)	:	WGK 1, Slightly hazardous to water (Classification according to VwVwS, Annex 1 or 2; ID No. 556).
Hazardous Incident Ordinance (12. BImSchV)	:	Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW-lijst van kankerverwekkende stoffen	:	The substance is not listed
SZW-lijst van mutagene stoffen	:	The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	:	The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	:	The substance is not listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	:	The substance is not listed

Denmark

Classification remarks	:	Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations	:	Young people below the age of 18 years are not allowed to use the product Pregnant/breastfeeding women working with the product must not be in direct contact with the product

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 3 (Dermal)	Acute toxicity (dermal), Category 3
Acute Tox. 3 (Inhalation)	Acute toxicity (inhal.), Category 3
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H311	Toxic in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.
Skin Corr. 1A	Skin corrosion/irritation, Category 1A
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation

Safety Data Sheet (SDS), EU

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.