Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Date of issue: 30/01/2019 Revision date: 04/07/2025 Supersedes version of: 28/09/2022 Version: 1.4

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

1.1. Product identifier

Product form	:	Substance
Trade name	:	Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur
Chemical name	:	diethyl ether; ether
IUPAC name	:	diethyl ether
EC Index-No.	:	603-022-00-4
EC-No.	:	200-467-2
CAS-No.	:	60-29-7
REACH registration No	:	01-2119535785-29
Product code	:	DETE-0IA
Formula	:	(C2H5)2O

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

Relevant identified uses

Main use category	:	Laboratory use

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/Area	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 1	H224
Acute toxicity (oral), Category 4	H302
Specific target organ toxicity — Single exposure, Category 3, Narcosis	H336

Full text of H and EUH statements: see section 16

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 GHS07

Signal word (CLP) : Danger

Hazard statements (CLP) : H224 - Extremely flammable liquid and vapour.
H302 - Harmful if swallowed.
H336 - May cause drowsiness or dizziness.

Precautionary statements (CLP) : P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P240 - Ground/bond container and receiving equipment.
P403+P235 - Store in a well-ventilated place. Keep cool.

EUH-statements : EUH019 - May form explosive peroxides.
EUH066 - Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance type : Mono-constituent

Name	Product identifier	%
Diethylether	CAS-No.: 60-29-7 EC-No.: 200-467-2 EC Index-No.: 603-022-00-4 REACH-no: 01-2119535785-29	≥ 100

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center or a doctor.

First-aid measures after skin contact : Wash skin with plenty of water. 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 ophtalmologist if irritation persists.

First-aid measures after ingestion : Rinse mouth. Do not induce vomiting. Drink plenty of water. Get medical advice/attention if you feel unwell.

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

Symptoms/effects after inhalation : Cough. Depression of the central nervous system, headaches, dizziness, drowsiness, loss of coordination. nausea, vomiting.

Symptoms/effects after skin contact : Cracking of the skin.

Symptoms/effects after eye contact : redness, itching, tears. Eye irritation.

Symptoms/effects after ingestion : Abdominal pain.

Chronic symptoms : May cause drowsiness or dizziness.

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	:	Extremely flammable liquid and vapour. Agitation can cause build up of electrostatic charge.
Explosion hazard	:	Can form explosive mixture with air.
Hazardous decomposition products in case of fire	:	Carbon oxides (CO, CO2).

5.3. Advice for firefighters

Precautionary measures fire	:	Stop leak if safe to do so.
Firefighting instructions	:	Use water spray or fog for cooling exposed containers.
Protection during firefighting	:	Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	:	Combustible.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	:	Remove ignition sources. Do not allow contact with water. Do not inhale vapour.

For non-emergency personnel

Emergency procedures	:	Mechanically ventilate the spillage area.

For emergency responders

Protective equipment	:	Equip cleanup crew with proper protection.
Emergency procedures	:	Stop leak if safe to do so. 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	:	Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Take up liquid spill into absorbent material.

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

Precautions for safe handling	:	Ensure good ventilation of the work station. Eliminate all ignition sources if safe to do so. Wear personal protective equipment.
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	:	Store in a dry place. Keep cool. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Incompatible products	:	combustible materials. Oxidizing agent. Strong acids.
Incompatible materials	:	Heat sources. Sources of ignition. Direct sunlight.
Storage area	:	Store away from heat. Store in a well-ventilated place.
Special rules on packaging	:	Keep only in original container. Store in a closed container.

7.3. Specific end use(s)

Laboratory chemicals.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

National occupational exposure and biological limit values

Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur (60-29-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Diethylether
IOEL TWA	308 mg/m³
	100 ppm
IOEL STEL	616 mg/m³
	200 ppm
Regulatory reference	COMMISSION DIRECTIVE 2000/39/EC
France - Occupational Exposure Limits	
Local name	Oxyde de diéthyle
VME (OEL TWA)	308 mg/m³
	100 ppm
VLE (OEL Ceiling/STEL)	616 mg/m³
	200 ppm
Remark	Valeurs règlementaires contraignantes
Regulatory reference	Article R4412-149 du Code du travail (réf.: INRS ED 984, 2016)
Germany - Occupational Exposure Limits (TRGS 900)	
Local name	Diethylether
AGW (OEL TWA)	1200 mg/m³
	400 ppm
Limitation of exposure peaks	1(I)
Remark	DFG,EU
Regulatory reference	TRGS900
Greece - Occupational Exposure Limits	
Local name	Αιθυλαιθέρας
OEL TWA	1200 mg/m³
	400 ppm
OEL STEL	1500 mg/m³
	500 ppm
Regulatory reference	Π.Δ. 90/1999
Italy - Occupational Exposure Limits	
Local name	Dietiletere
OEL TWA	308 mg/m³

Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur (60-29-7)	
	100 ppm
OEL STEL	616 mg/m³
	200 ppm
Regulatory reference	Allegato XXXVIII del D.Lgs. 9 aprile 2008, n. 81 e s.m.i.
Portugal - Occupational Exposure Limits	
Local name	Éter etílico
OEL TWA	400 ppm
OEL STEL	500 ppm
Regulatory reference	Norma Portuguesa NP 1796:2014
Romania - Occupational Exposure Limits	
Local name	Oxid de dietil/Dietil eter/ Eter etilic
OEL TWA	308 mg/m³
	100 ppm
OEL STEL	616 mg/m³
	200 ppm
Regulatory reference	Hotărârea nr. 584/2018
Spain - Occupational Exposure Limits	
Local name	Etiléter
VLA-ED (OEL TWA)	308 mg/m³
	100 ppm
VLA-EC (OEL STEL)	616 mg/m³
	200 ppm
Remark	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).
Regulatory reference	Límites de Exposición Profesional para Agentes Químicos en España 2019. INSHT
United Kingdom - Occupational Exposure Limits	
Local name	Diethyl ether
WEL TWA (OEL TWA)	310 mg/m³
	100 ppm
WEL STEL	620 mg/m³
	200 ppm
Regulatory reference	EH40/2005 (Third edition, 2018). HSE

DNEL and PNEC

Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur (60-29-7)	
DNEL/DMEL (Workers)	
Acute - systemic effects, inhalation	616 mg/m³

Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur (60-29-7)	
Long-term - systemic effects, dermal	44 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	308 mg/m³
DNEL/DMEL (General population)	
Long-term - systemic effects,oral	15,6 mg/kg bodyweight/day
Long-term - systemic effects, inhalation	54,5 mg/m³
Long-term - systemic effects, dermal	15,6 mg/kg bodyweight/day
PNEC (Water)	
PNEC aqua (freshwater)	2 mg/l
PNEC aqua (marine water)	0,2 mg/l
PNEC aqua (intermittent, freshwater)	1,65 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	9,14 mg/kg dwt
PNEC sediment (marine water)	0,914 mg/kg dwt
PNEC (Soil)	
PNEC soil	0,66 mg/kg dwt
PNEC (STP)	
PNEC sewage treatment plant	4,2 mg/l

8.2. Exposure controls

Appropriate engineering controls

Appropriate engineering controls:
Ensure good ventilation of the work station. Do not inhale vapour.

Personal protection equipment

Personal protective equipment:
EN 374.
Personal protective equipment symbol(s):



Eye and face protection

Eye protection:
Protective goggles (EN 166)

Skin protection

Hand protection:
protective gloves

Other skin protection
Materials for protective clothing:
Wear protective clothing

Other skin protection Materials for protective clothing		
Condition	**Material**	**Standard**
Excellent resistance:	Tetrafluoroethylene	

Respiratory protection

Respiratory protection:
Wear appropriate mask

Environmental exposure controls

Environmental exposure controls:
Avoid release to the environment.
Other information:
The present safety data sheet is consistent with the specific conditions relied on to justify the registration of the substance in accordance with Article 17 or 18 of the REACH regulation. Do not eat, drink or smoke during use. Wash hands with water as a precaution.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	:	Liquid
Colour	:	Colourless.
Appearance	:	Liquid.
Molecular mass	:	74,12 g/mol
Odour	:	Not available
Odour threshold	:	Not available
Melting point	:	-116 °C
Freezing point	:	Not available
Boiling point	:	34,58 – 34,59 °C Atm. press.: 760 mm Hg Decomposition: 'no'
Flammability	:	Not available
Lower explosion limit	:	1,7 vol %
Upper explosion limit	:	48 vol %
Flash point	:	-40 °C
Auto-ignition temperature	:	170 °C
Decomposition temperature	:	> 550 °C
pH	:	Not available
Viscosity, kinematic	:	0,338 mm²/s
Viscosity, dynamic	:	0,24 mPa·s (20 °C)
Solubility	:	Moderately soluble in water. Soluble in ethanol. Soluble in acetone. Soluble in chloroform. Soluble in petroleum spirit. Soluble in hydrogenchloride. Water: 6,49 g/100ml (20 °C)
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Partition coefficient n-octanol/water (Log Pow)	:	0,82 – 0,89
Vapour pressure	:	590 hPa (20 °C)
Vapour pressure at 50 °C	:	1702 hPa
Critical pressure	:	36063 hPa
Saturation concentration	:	1776 g/m³
Density	:	710 kg/m³ (20 °C)
Relative density	:	0,71 (20 °C)
Relative vapour density at 20 °C	:	2,6
Relative density of saturated gas/air mixture	:	1,9 (20 °C)
Particle characteristics	:	Not applicable

9.2. Other information

Information with regard to physical hazard classes

Critical temperature	:	193 °C

Other safety characteristics

Minimum ignition energy	:	0,19 mJ
Relative evaporation rate (ether=1)	:	1
Specific conductivity	:	30 pS/m
VOC content	:	100 %

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Unstable.

10.3. Possibility of hazardous reactions

No additional information available

10.4. Conditions to avoid

Do not allow contact with air. Protect from sunlight.

10.5. Incompatible materials

No additional information available

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) : Not classified
Acute toxicity (inhalation) : Not classified

Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur (60-29-7)	
LD50 oral rat	1600 mg/kg bodyweight
LD50 dermal rabbit	> 20000 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LC50 inhalation rat (mg/l)	99 mg/l
LC50 inhalation rat (ppm)	32000 ppm

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : May cause drowsiness or dizziness.
STOT-repeated exposure : Not classified

Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur (60-29-7)	
LOAEL (oral, rat, 90 days)	2000 mg/kg bodyweight Animal: rat, Animal sex: male, Guideline: other:no information available
NOAEL (oral, rat, 90 days)	500 mg/kg bodyweight Animal: rat, Guideline: other:no information available

Aspiration hazard : Not classified

Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur (60-29-7)	
Viscosity, kinematic	0,338 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

Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur (60-29-7)	
LC50 - Fish [1]	2560 mg/l Test organisms (species): Pimephales promelas
EC50 72h - Algae [1]	> 100 mg/l Test organisms (species): Desmodesmus subspicatus (previous name: Scenedesmus subspicatus)
LOEC (chronic)	> 100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'
NOEC (chronic)	100 mg/l Test organisms (species): Daphnia magna Duration: '21 d'

12.2. Persistence and degradability

Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur (60-29-7)	
Persistence and degradability	Rapidly degradable
Biochemical oxygen demand (BOD)	0,03 g O_2/g substance
Chemical oxygen demand (COD)	0,026 g O_2/g substance
ThOD	2,6 g O_2/g substance
BOD (% of ThOD)	0,012 % ThOD

12.3. Bioaccumulative potential

Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur (60-29-7)	
BCF - Fish [1]	0,9 – 9,1
Partition coefficient n-octanol/water (Log Pow)	0,82 – 0,89
Bioaccumulative potential	Low.

12.4. Mobility in soil

Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur (60-29-7)	
Surface tension	0,017 N/m

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.

European List of Waste (LoW) code : 15 01 10* - packaging containing residues of or contaminated by dangerous substances
07 01 04* - other organic solvents, washing liquids and mother liquors
16 05 06* - laboratory chemicals consisting of or containing dangerous substances including mixtures of laboratory chemicals

SECTION 14: Transport information

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

14.1. UN number or ID number

UN-No. (ADR) : UN 1155
UN-No. (IMDG) : UN 1155
UN-No. (IATA) : UN 1155
UN-No. (ADN) : UN 1155
UN-No. (RID) : UN 1155

14.2. UN proper shipping name

Proper Shipping Name (ADR) : DIETHYL ETHER (ETHYL ETHER)
Proper Shipping Name (IMDG) : DIETHYL ETHER (ETHYL ETHER)
Proper Shipping Name (IATA) : Diethyl ether
Proper Shipping Name (ADN) : DIETHYL ETHER (ETHYL ETHER)
Proper Shipping Name (RID) : DIETHYL ETHER (ETHYL ETHER)
Transport document description (ADR) (ADR) : UN 1155 DIETHYL ETHER (ETHYL ETHER), 3, I, (D/E)
Transport document description (IMDG) : UN 1155 DIETHYL ETHER (ETHYL ETHER), 3, I (-40°C c.c.)
Transport document description (IATA) : UN 1155 Diethyl ether, 3, I
Transport document description (ADN) : UN 1155 DIETHYL ETHER (ETHYL ETHER), 3, I
Transport document description (RID) : UN 1155 DIETHYL ETHER (ETHYL ETHER), 3, I

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 3
Danger labels (ADR) : 3
:



IMDG

Transport hazard class(es) (IMDG) : 3
Danger labels (IMDG) : 3
:



IATA

Transport hazard class(es) (IATA) : 3
Danger labels (IATA) : 3
:



ADN

Transport hazard class(es) (ADN) : 3
Danger labels (ADN) : 3

:



RID

Transport hazard class(es) (RID) : 3

Danger labels (RID) : 3

:



14.4. Packing group

Packing group (ADR) : I

Packing group (IMDG) : I

Packing group (IATA) : I

Packing group (ADN) : I

Packing group (RID) : I

14.5. Environmental hazards

Dangerous for the environment : No

Marine pollutant : No

EmS-No. (Fire) : F-E

EmS-No. (Spillage) : S-D

Other information : No supplementary information available

14.6. Special precautions for user

Overland transport

Classification code (ADR) : F1

Limited quantities (ADR) : 0

Excepted quantities (ADR) : E3

Packing instructions (ADR) : P001

Mixed packing provisions (ADR) : MP7, MP17

Portable tank and bulk container instructions (ADR) : T11

Portable tank and bulk container special provisions (ADR) : TP2

Tank code (ADR) : L4BN

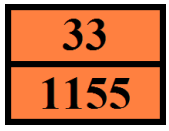
Vehicle for tank carriage : FL

Transport category (ADR) : 1

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

Hazard identification number (Kemler No.) : 33

Orange plates :



Tunnel restriction code (ADR) : D/E

EAC code : •3YE

Transport by sea

Limited quantities (IMDG) : 0

Excepted quantities (IMDG) : E3

Packing instructions (IMDG) : P001

Tank instructions (IMDG) : T11

Tank special provisions (IMDG) : TP2

Stowage category (IMDG) : E

Stowage and handling (IMDG) : SW2

Flash point (IMDG) : -40°C c.c.

Properties and observations (IMDG)	:	Colourless, volatile and mobile liquid with a pleasant aromatic odour. Flashpoint: -40°C c.c. Explosive limits: 1.7% to 48%. Boiling point: 34°C. Immiscible with water. In the presence of oxygen or on long standing or exposure to sunlight, unstable peroxides sometimes form; these may explode spontaneously or when heated. Strongly narcotic. Readily ignited by static electricity.

Air transport

PCA Excepted quantities (IATA)	:	E3
PCA Limited quantities (IATA)	:	Forbidden
PCA limited quantity max net quantity (IATA)	:	Forbidden
PCA packing instructions (IATA)	:	351
PCA max net quantity (IATA)	:	1L
CAO packing instructions (IATA)	:	361
CAO max net quantity (IATA)	:	30L
ERG code (IATA)	:	3AH

Inland waterway transport

Classification code (ADN)	:	F1
Limited quantities (ADN)	:	0
Excepted quantities (ADN)	:	E3
Carriage permitted (ADN)	:	T
Equipment required (ADN)	:	PP, EX, A
Ventilation (ADN)	:	VE01
Number of blue cones/lights (ADN)	:	1

Rail transport

Classification code (RID)	:	F1
Limited quantities (RID)	:	0
Excepted quantities (RID)	:	E3
Packing instructions (RID)	:	P001
Mixed packing provisions (RID)	:	MP7, MP17
Portable tank and bulk container instructions (RID)	:	T11
Portable tank and bulk container special provisions (RID)	:	TP2
Tank codes for RID tanks (RID)	:	L4BN
Transport category (RID)	:	1
Hazard identification number (RID)	:	33

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

EU-Regulations

REACH Annex XVII (Restriction List)

EU restriction list (REACH Annex XVII)	
Reference code	**Applicable on**
3.	Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur
3(a)	Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur
3(b)	Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur
40.	Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur

REACH Annex XIV (Authorisation List)

Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur is not on the REACH Annex XIV List

REACH Candidate List (SVHC)

Diethylether estabilized with BHT, AGR, ACS, ISO, Ph. Eur is not on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

{0} 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)

{0} 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 (2024/590)

Not listed on the Ozone Depletion list (Regulation EU 2024/590)

Dual-Use Regulation (428/2009)

Not listed on the COUNCIL REGULATION (EC) No 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items.

VOC Directive (2004/42)

VOC content : 100 %

Explosives Precursors Regulation (2019/1148)

Not listed on the Explosives Precursors list (EU)

Drug Precursors Regulation (273/2004)

Not listed on the Drug Precursors list (EU)

National regulations

Occupational diseases	
Code	Description
RG 84	Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide

Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV).
Chemicals Prohibition Ordinance (ChemVerbotsV) : This product is subject to ChemVerbotsV Annex 2 Entry 2. The following requirement must be observed: Basic requirements for the implementation of the submission (according to § 8 paragraph 1, 3 and 4).
VOC content : 100 %

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

Class for fire hazard : Class I-1
Store unit : 1 liter
Classification remarks : F+ <Flam. Liq. 1>; 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

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Flam. Liq. 1	Flammable liquids, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H224	Extremely flammable liquid and vapour.
H302	Harmful if swallowed.
H336	May cause drowsiness or dizziness.
EUH019	May form explosive peroxides.
EUH066	Repeated exposure may cause skin dryness or cracking.

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.