Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878 Date of issue: 20/12/2012 Revision date: 28/11/2022 Supersedes version of: 12/03/2018 Version: 1.3

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

1.1. Product identifier

Product form Trade name Chemical name IUPAC name EC Index-No. EC-No. CAS-No. Product code	 Substance UN1120 1-Butanol 99.5% Analytical Grade butan-1-ol; n-butanol butan-1-ol 603-004-00-6 200-751-6 71-36-3 BUTL-10A
Product code Formula	: BUTL-10A : C4H10O

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/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 3	H226
Acute toxicity (oral), Category 4	H302
Specific target organ toxicity — Single exposure, Category 3,	H335
Respiratory tract irritation	
Skin corrosion/irritation, Category 2	H315
Serious eye damage/eye irritation, Category 1	H318
Specific target organ toxicity — Single exposure, Category 3,	H336
Narcosis	
Full text of H and EUH statements: see section 16	

Adverse physicochemical, human health and environmental effects

No additional information available

Safety Data Sheet

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

Labelling according to Regulation (EC) No	
Hazard pictograms (CLP)	
	GHS02 GHS05 GHS07
Signal word (CLP)	: Danger
Hazard statements (CLP)	: H226 - Flammable liquid and vapour. H302 - Harmful if swallowed.
	H335 - May cause respiratory irritation.
	H315 - Causes skin irritation.
	H318 - Causes serious eye damage.
	H336 - May cause drowsiness or dizziness.
Precautionary statements (CLP)	: P280 - Wear protective gloves/protective clothing/eye protection/face protection.
	P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel
	unwell.
	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	%
1-Butanol	CAS-No.: 71-36-3 EC-No.: 200-751-6 EC Index-No.: 603-004-00-6	≤ 100

3.2. Mixtures

Not applicable

SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general First-aid measures after inhalation	 Get medical advice/attention if you feel unwell. Remove person to fresh air and keep comfortable for breathing. Give oxygen or artificial respiration if necessary. Call a physician immediately.
First-aid measures after skin contact	: Gently wash with plenty of soap and water. Take off contaminated clothing. If skin irritation or rash 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	: Rinse mouth. Do not induce vomiting. Call a physician immediately.
4.2. Most important symptoms and eff	ects, both acute and delayed
Symptoms/effects after ingestion	: Harmful if swallowed.
4.3. Indication of any immediate medic	al attention and special treatment needed

Never give anything by mouth to an unconscious person.

Safety Data Sheet

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

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878			
SECTION 5: Firefighting measures			
5.1. Extinguishing media			
Suitable extinguishing media Unsuitable extinguishing media	: ABC-powder. : Strong water jet.		
5.2. Special hazards arising from the subs	tance or mixture		
Hazardous decomposition products in case of fire	: Toxic vapours are released.		
5.3. Advice for firefighters			
Precautionary measures fire Firefighting instructions Protection during firefighting	 Stop leak if safe to do so. Evacuate area. Exercise caution when fighting any chemical fire. Do not enter fire area without proper protective equipment, including respiratory protection. 		
SECTION 6: Accidental release measu	ires		
6.1. Personal precautions, protective equip	oment and emergency procedures		
6.1.1. For non-emergency personnel			
Emergency procedures	: Notify police and fire brigade as soon as possible. Avoid contact with skin, eyes and clothing. Do not breathe vapours. Do not breathe gas.		
Measures in case of dust release	: Do not breathe dust.		
6.1.2. For emergency responders			
Protective equipment Emergency procedures	Breathing apparatus.Ventilate area.		
6.2. Environmental precautions			
Prevent from entering sewers, basements and work	pits, or any place where its accumulation can be dangerous.		
6.3. Methods and material for containment	and cleaning up		
For containment Methods for cleaning up	Collect spillage.Take up liquid spill into absorbent material. Store away from other materials.		
6.4. Reference to other sections			
See Heading 8. For further information refer to sect	ion 13.		
SECTION 7: Handling and storage			
7.1. Precautions for safe handling			
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. 5 - 30 °C 		
Storage area	: Store in a well-ventilated place.		

7.3. Specific end use(s)

Laboratory chemicals.

Safety Data Sheet

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

SECTION 8: Exposure controls/personal	protection
8.1. Control parameters	
8.1.1 National occupational exposure and biological	l limit values
UN1120 1-Butanol 99.5% Analytical Grade (71	-36-3)
EU - Indicative Occupational Exposure Limit (IOEL))
Local name	n-Butyl alcohol
Remark	SCOEL Recommendations (Ongoing)
France - Occupational Exposure Limits	•
Local name	Alcool n-butylique
VLE (OEL Ceiling/STEL)	150 mg/m ³
	50 ppm
Remark	Valeurs recommandées/admises
Germany - Occupational Exposure Limits (TRGS 90)0)
Local name	Butan-1-ol
AGW (OEL TWA)	310 mg/m ³
	100 ppm
Remark	DFG,Y
Portugal - Occupational Exposure Limits	
Local name	n-Butanol (Álcool n-butílico)
OEL TWA	20 ppm
Spain - Occupational Exposure Limits	
Local name	n-Butanol (Alcohol n-butílico)
VLA-ED (OEL TWA)	61 mg/m ³
	20 ppm
VLA-EC (OEL STEL)	154 mg/m ³
	50 ppm
United Kingdom - Occupational Exposure Limits	·
Local name	Butan-1-ol
WEL STEL	154 mg/m³
	50 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

UN1120 1-Butanol 99.5% Analytical Grade (71-36-3)	
DNEL/DMEL (Workers)	
Long-term - local effects, inhalation	310 mg/m ³

Safety Data Sheet

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

UN1120 1-Butanol 99.5% Analytical Grade (71-36-3)			
DNEL/DMEL (General population)			
Long-term - systemic effects,oral	3,125 mg/kg bodyweight/day		
Long-term - local effects, inhalation	55 mg/m ³		
PNEC (Water)	PNEC (Water)		
PNEC aqua (freshwater)	0,082 mg/l		
PNEC aqua (marine water)	0,0082 mg/l		
PNEC aqua (intermittent, freshwater)	2,25 mg/l		
PNEC (Sediment)			
PNEC sediment (freshwater)	0,178 mg/kg dwt		
PNEC sediment (marine water)	0,0178 mg/kg dwt		
PNEC (Soil)			
PNEC soil	0,015 mg/kg dwt		
PNEC (STP)			
PNEC sewage treatment plant	2476 mg/l		

8.1.5. Control banding

No additional information available

8.2. Exposure controls

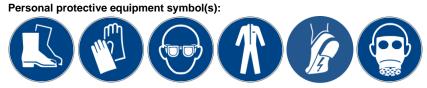
8.2.1. Appropriate engineering controls

No additional information available

8.2.2. Personal protection equipment

Personal protective equipment:

Avoid all unnecessary exposure. EN 374.



8.2.2.1. Eye and face protection

Eye protection: Safety glasses

Eye protection			
Туре	Field of application	Characteristics	Standard
Category II			EN 166

8.2.2.2. Skin protection

Skin and body protection:

Wear suitable protective clothing

Safety Data Sheet

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

Skin and body protection	
Туре	Standard
Protective clothing	EN 1149-1, EN 1149-2, EN 1149- 3, EN 1149-5, EN 168

Hand protection:

protective gloves

Hand protection					
Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Category I					

Other skin protection

Materials for protective clothing:

Wear safety footwear

Other skin protection Materials for protective clothing			
Condition Material Standa			
		EN ISO 20345, EN ISO 13287	

8.2.2.3. Respiratory protection

Respiratory protection:

Wear appropriate mask

Respiratory protection			
Device	Filter type	Condition	Standard
filtering face piece	with filter for vapors/gases		EN 405

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

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 phys	ical and chemical properties	
Physical state	: Liquid	
Colour	Not available	
Molecular mass	: 74,1 g/mol	
Odour	: alcohol.	
Odour threshold	: Not available	
Melting point	: <-90 °C	
Freezing point	: Not available	
Boiling point	: 119 °C Atm. press.: 1013 hPa	
Flammability	: Not available	
Lower explosion limit	: 1,4 vol %	

Safety Data Sheet

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

Upper explosion limit	: 11.2 vol %
Flash point	: 35 °C Atm. press.: 1013 hPa
Auto-ignition temperature	: 343 °C
Decomposition temperature	: Not available
pH	: Not available
Viscosity, kinematic	: 3,64 mm²/s
Viscosity, dynamic	: 2,947 mPa·s Temp.: '20°C' Parameter: 'dynamic viscosity (in mPa s)'
Solubility	: Not available
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: < 10 hPa Temp.: 20 °C
Vapour pressure at 50 °C	: 60 hPa
Density	: 809,5 kg/m ³ Type: 'density' Temp.: 20 °C
Relative density	: Not available
Relative vapour density at 20 °C	: 0,81
Particle characteristics	: Not applicable
Viscosity, dynamic Solubility Partition coefficient n-octanol/water (Log Kow) Vapour pressure Vapour pressure at 50 °C Density Relative density Relative vapour density at 20 °C	 2,947 mPa·s Temp.: '20°C' Parameter: 'dynamic viscosity (in mPa s)' Not available Not available < 10 hPa Temp.: 20 °C 60 hPa 809,5 kg/m³ Type: 'density' Temp.: 20 °C Not available 0,81

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

VOC content

: 100 %

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 of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Heat. Direct sunlight.

10.5. Incompatible materials

Strong bases. Strong acids.

10.6. Hazardous decomposition products

May release flammable gases.

SECTION 11: Toxicological information

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

Acute toxicity (dermal) :	Harmful if swallowed. Not classified Not classified
UN1120 1-Butanol 99.5% Analytical Grade (71	-36-3)
LD50 oral rat ≈ 2292 mg/kg bodyweight Animal: rat, Animal sex: female, Guideline: OECD Guidel	
LD50 dermal rabbit	≈ 3430 mg/kg bodyweight Animal: rabbit, Animal sex: male, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

Safety Data Sheet

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

Skin corrosion/irritation :	Causes skin irritation.	
Serious eye damage/irritation :	Causes serious eye damage.	
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. May cause drowsiness or dizziness.	
STOT-repeated exposure :	Not classified	
UN1120 1-Butanol 99.5% Analytical Grade (7	1-36-3)	
LOAEL (oral, rat, 90 days)	500 mg/kg bodyweight Animal: rat	
NOAEL (oral, rat, 90 days)	125 mg/kg bodyweight Animal: rat	
Aspiration hazard :	Not classified	
UN1120 1-Butanol 99.5% Analytical Grade (71-36-3)		
Viscosity, kinematic	3,64 mm ² /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 : Not classified (acute)				
Hazardous to the aquatic environment, long-term : (chronic)	Not classified			
UN1120 1-Butanol 99.5% Analytical Grade (71-36-3)				
LC50 - Fish [1]	1376 mg/l Test organisms (species): Pimephales promelas			
EC50 - Daphnia [1]	1328 mg/l Test organisms (species): Daphnia magna			
EC50 96h - Algae [1]	225 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum)			
NOEC (chronic)	4,1 mg/l Test organisms (species): Daphnia magna Duration: '21 d'			
12.2. Persistence and degradability				
UN1120 1-Butanol 99.5% Analytical Grade (71	-36-3)			
Persistence and degradability	Rapidly degradable			
Biodegradation	98 %			
12.3. Bioaccumulative potential				
UN1120 1-Butanol 99.5% Analytical Grade (71	-36-3)			
Bioaccumulative potential	Low.			
12.4. Mobility in soil				
UN1120 1-Butanol 99.5% Analytical Grade (71-36-3)				
Surface tension	0,02567 N/m 25º C			
12.5. Results of PBT and vPvB assessment				
No additional information available				

No additional information available

Safety Data Sheet

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

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 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. HP5 - "Specific Target Organ Toxicity (STOT)/Aspiration Toxicity:" waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause

acute toxic effects following aspiration. HP6 - "Acute Toxicity:" waste which can cause acute toxic effects following oral or dermal administration, or inhalation exposure.

HP4 - "Irritant — skin irritation and eye damage:" waste which on application can cause skin irritation or damage to the eye.

SECTION 14: Transport information

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

14.1. UN number or ID number	
UN-No. (ADR) UN-No. (IMDG) UN-No. (IATA) UN-No. (ADN) UN-No. (RID)	 : UN 1120
14.2. UN proper shipping name	
Proper Shipping Name (ADR) Proper Shipping Name (IMDG) Proper Shipping Name (IATA) Proper Shipping Name (ADN) Proper Shipping Name (RID) Transport document description (ADR) Transport document description (IMDG) Transport document description (IATA) Transport document description (ADN) Transport document description (RID)	 BUTANOLS BUTANOLS Butanols BUTANOLS BUTANOLS UN 1120 BUTANOLS, 3, III, (D/E) UN 1120 BUTANOLS, 3, III
14.3. Transport hazard class(es)	
ADR Transport hazard class(es) (ADR)	: 3

Safety Data Sheet

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

Danger labels (ADR)	
IMDG Transport hazard class(es) (IMDG) Danger labels (IMDG)	
IATA Transport hazard class(es) (IATA) Danger labels (IATA)	
ADN Transport hazard class(es) (ADN) Danger labels (ADN)	
RID Transport hazard class(es) (RID) Danger labels (RID)	
14.4. Packing group	•
Packing group (ADR) Packing group (IMDG) Packing group (IATA) Packing group (ADN) Packing group (RID)	: III : III : III : III : III
14.5. Environmental hazards	
Dangerous for the environment Marine pollutant Other information	: No : No : No supplementary information available
14.6. Special precautions for user	
Overland transport Classification code (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container instructions (ADR)	: F1 : 5I : E1 : P001, IBC03, LP01, R001 : MP19 : T2

Safety Data Sheet

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

Portable tank and bulk container special provisions	: TP1
(ADR)	
Tank code (ADR)	: LGBF
	: FL
Vehicle for tank carriage	
Transport category (ADR)	: 3
Special provisions for carriage - Packages (ADR)	: V12
Special provisions for carriage - Operation (ADR)	: S2
Hazard identification number (Kemler No.)	: 30
Orange plates	
	30
	1100
	1120
Tunnel restriction code (ADR)	: D/E
EAC code	: •2YE
Transport by sea	
Special provisions (IMDG)	: 223
Limited quantities (IMDG)	: 5L
Excepted quantities (IMDG)	: E1
Packing instructions (IMDG)	: P001, LP01
IBC packing instructions (IMDG)	: IBC03
	: T2
Tank instructions (IMDG)	
Tank special provisions (IMDG)	: TP1
EmS-No. (Fire)	: F-E
EmS-No. (Spillage)	: S-D
Stowage category (IMDG)	: A
Properties and observations (IMDG)	: Colourless liquids with a disagreeable odour. Explosive limits: normal-BUTANOL 1.4% to
	11.2%. secondary-BUTANOL 1.7% to 9.8%. tertiary-BUTANOL 2.4% to 8%. tertiary-
	BUTANOL solidifies at about 25°C. normal-BUTANOL is immiscible with water. secondary-
	BUTANOL is immiscible with water. tertiary-BUTANOL is miscible with water. Irritating to
	skin, eyes and mucous membranes.
Air transport	
the second s	. 54
PCA Excepted quantities (IATA)	: E1
PCA Limited quantities (IATA)	: Y344
PCA limited quantity max net quantity (IATA)	: 10L
PCA packing instructions (IATA)	: 355
PCA max net quantity (IATA)	: 60L
CAO packing instructions (IATA)	: 366
CAO max net quantity (IATA)	: 220L
Special provisions (IATA)	: A3
ERG code (IATA)	: 3L
Inland waterway transport	
Inland waterway transport	. 54
Classification code (ADN)	: F1
Limited quantities (ADN)	: 5L
Excepted quantities (ADN)	: E1
Carriage permitted (ADN)	: Т
Equipment required (ADN)	: PP, EX, A
Ventilation (ADN)	: VE01
Number of blue cones/lights (ADN)	: 0
,	
Rail transport	
Classification code (RID)	: F1
	: 5L
Limited quantities (RID)	
Excepted quantities (RID)	: E1
Packing instructions (RID)	: P001, IBC03, LP01, R001
Mixed packing provisions (RID)	: MP19
Portable tank and bulk container instructions (RID)	: T2
Portable tank and bulk container special provisions	: TP1
(RID)	
Tank codes for RID tanks (RID)	: LGBF

Safety Data Sheet

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

Transport category (RID)	:	3
Special provisions for carriage – Packages (RID)	:	W12
Colis express (express parcels) (RID)	:	CE4
Hazard identification number (RID)	:	30

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.	UN1120 1-Butanol 99.5% Analytical Grade	
3(a)	UN1120 1-Butanol 99.5% Analytical Grade	
3(b)	UN1120 1-Butanol 99.5% Analytical Grade	
40.	UN1120 1-Butanol 99.5% Analytical Grade	

REACH Annex XIV (Authorisation List)

UN1120 1-Butanol 99.5% Analytical Grade is not on the REACH Annex XIV List

REACH Candidate List (SVHC)

UN1120 1-Butanol 99.5% Analytical Grade is not on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

UN1120 1-Butanol 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)

UN1120 1-Butanol 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)

{0} 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.

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)

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.

Safety Data Sheet

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

15.1.2. National regulations

France

Occupational diseases				
Code Des	Description			
hyd alcc dim	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) Hazardous Incident Ordinance (1		dous to water (Classification according to AwSV; ID No. 39). lazardous Incident Ordinance (12. BImSchV)		
Netherlands				
SZW-lijst van kankerverwekkend				
SZW-lijst van mutagene stoffen NIET-limitatieve lijst van voor de	: The substance is not cortplanting : The substance is not			
giftige stoffen – Borstvoeding		ISIEU		
NIET-limitatieve lijst van voor de giftige stoffen – Vruchtbaarheid	oortplanting : The substance is not	isted		
NIET-limitatieve lijst van voor de giftige stoffen – Ontwikkeling	oortplanting : The substance is not	isted		
Denmark				
Class for fire hazard	: Class II-1			
Store unit	: 5 liter			
Classification remarks		35;H315;H318;H336>; Emergency management guidelines for the liquids must be followed		
Danish National Regulations	•	he age of 18 years are not allowed to use the product		
45.2 Chemical actaturates				

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	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Flam. Liq. 3	Flammable liquids, Category 3	
H226	Flammable liquid and vapour.	
H302	Harmful if swallowed.	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H335	May cause respiratory irritation.	
H336	May cause drowsiness or dizziness.	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
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.