QC EP-BINDER 030 B

Safety Data Sheet

according to the REACH Regulation (EC) 1907/2006 amended by Regulation (EU) 2020/878
Issue date: 18.07.2018 Revision date: 14.03.2023 Supersedes version of: 12.06.2023 Version: 3.5

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

1.1. Product identifier

Product form : Mixture
Product name : QC EP-BINDER 030 B

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

1.2.1. Relevant identified uses

No additional information available

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Manufacturer
Sidec N.V.
Industrieweg 10
BE– 2490 Balen
BELGIE
T +32 14 81 50 01
safety@sidec.be - www.sidec.eu

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Belgium	Centre Anti-Poisons/Antigifcentrum , c/o Hôpital Central de la Base - Reine Astrid	Rue Bruyn 1 1120 Brussels	+32 70 245 245	All urgent questions about poisoning: 070 245 245 (free, 24/7), or if unreachable tel 02 264 96 30 (normal rate).

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

Acute toxicity (oral), Category 4	H302
Skin corrosion/irritation, Category 1	H314
Serious eye damage/eye irritation, Category 1	H318
Skin sensitisation, Category 1	H317
Hazardous to the aquatic environment – Chronic Hazard, Category 3	H412

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) :

GHS05 GHS07

Signal word (CLP)	:	Danger
Contains	:	Benzylic alcohol; Polyoxypropylenediamine; Trimethylhexamethylenediamine (2,2,4- and 2,4,4- mixture); 3-aminomethyl-3,5,5-trimethylcyclohexylamine
Hazard statements (CLP)	:	H302 - Harmful if swallowed. H314 - Causes severe skin burns and eye damage. H317 - May cause an allergic skin reaction. H318 - Causes serious eye damage. H412 - Harmful to aquatic life with long lasting effects.
Precautionary statements (CLP)	:	P260 - Do not breathe dust, mist. P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 - Immediately call a POISON CENTER or doctor/physician. P405 - Store locked up. P501 - Dispose of contents/container to Comply with local regulations for disposal.

Nordic countries regulation

Denmark

MAL code	:	00-1 (Executive Order No. 301 (1993))

2.3. Other hazards

Contains no PBT/vPvB substances ≥ 0.1% assessed in accordance with REACH Annex XIII

Component	
Benzylic alcohol (100-51-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Benzylic alcohol	CAS-No.: 100-51-6 EC-No.: 202-859-9 EC Index-No.: 603-057-00-5 REACH-no: 01-2119492630-38	20 – 50	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332
Polyoxypropylenediamine	CAS-No.: 9046-10-0 REACH-no: 01-2119557899-12	10 – 25	Skin Corr. 1A, H314 Eye Dam. 1, H318 Aquatic Chronic 3, H412
Trimethylhexamethylenediamine (2,2,4- and 2,4,4-mixture)	CAS-No.: 25513-64-8 EC-No.: 247-063-2 REACH-no: 01-2119560598-25	10 – 25	Acute Tox. 4 (Oral), H302 Skin Corr. 1, H314 Skin Sens. 1, H317

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
3-aminomethyl-3,5,5-trimethylcyclohexylamine	CAS-No.: 2855-13-2 EC-No.: 220-666-8 EC Index-No.: 612-067-00-9 REACH-no: 01-2119514687-32	10 – 25	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1B, H314 Eye Dam. 1, H318 Skin Sens. 1A, H317 Aquatic Chronic 3, H412

Full text of H- and EUH-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : Remove contaminated clothes.

First-aid measures after inhalation : Take victim to fresh air, in a quiet place and if necessary take medical advice.

First-aid measures after skin contact : Wash off immediately with soap and plenty of water. If on skin and if skin irritation occurs, seek medical advice and attention.

First-aid measures after eye contact : Rinse opened eye for several minutes under running water. Then consult doctor.

First-aid measures after ingestion : Immediately give plenty of water. Take victim to fresh air, in a quiet place. Immediately call a POISON CENTER/doctor.

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

Symptoms/effects : No supplementary information available.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : carbon dioxide (CO2). extinguishing powder. Strong water jet. Alcohol resistant foam.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released.

5.3. Advice for firefighters

Protection during firefighting : Self-contained breathing apparatus.

Other information : Do not allow run-off from fire-fighting to enter drains or water courses. Dispose in a safe manner in accordance with local/national regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Use protective clothing. Keep public away.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Prevent liquid from entering sewers, watercourses, underground or low areas.

6.3. Methods and material for containment and cleaning up

For containment : Soak up with inert absorbent material (for example sand, sawdust, a universal binder, silica gel).
Other information : Carefully recover the remainder.

6.4. Reference to other sections

Concerning disposal elimination after cleaning, see section 13. Concerning personal protective equipment to use, see section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : 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. Ensure good ventilation of the work station.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in original container.
Information on mixed storage : Keep away from food, drink and animal feeding stuffs.
Storage area : The floor of the depot should be impermeable and designed to form a water-tight basin.
Special rules on packaging : Store in tightly closed containers.

7.3. Specific end use(s)

No supplementary information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

No additional information available

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

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls:
Keep away from food, drink and animal feedingstuffs. Take off contaminated clothing. Wash hands before break and at end of works. Do not breathe dust. Avoid all contact with skin, eyes, or clothing.

8.2.2. Personal protection equipment

Personal protective equipment:
Dust/aerosol mask with filter type P2. Gloves. Protective goggles.

Personal protective equipment symbol(s):

8.2.2.1. Eye and face protection

Eye protection:
Protective goggles

8.2.2.2. Skin protection

Skin and body protection:
protective clothing

Hand protection:
Chemical resistant gloves (according to European standard ISO 374-1 or equivalent). The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Since the product consists of several substances, it is possible to estimate the durability of the glove material beforehand and it therefore needs to be tested before use. Recommended materials. >0,5mm. nbr. Viton. Polyvinylchloride (PVC). unsuitable materials: leather gloves, thick fabric gloves

8.2.2.3. Respiratory protection

Respiratory protection:
Breathing equipment. By prolonged exposure : Self-contained breathing apparatus with an air line

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	:	yellowish.
Odour	:	Amine-like.
Odour threshold	:	Not available
Melting point	:	Not available
Freezing point	:	Not available
Boiling point	:	> 200 °C
Flammability	:	Not available
Lower explosion limit	:	Not available
Upper explosion limit	:	Not available
Flash point	:	> 100 °C
Auto-ignition temperature	:	240 °C
Decomposition temperature	:	Not available
pH	:	10,52
Viscosity, kinematic	:	182,482 mm²/s
Viscosity, dynamic	:	200 mPa·s
Solubility	:	Not available
Partition coefficient n-octanol/water (Log Kow)	:	Not available
Vapour pressure	:	0,3 hPa
Vapour pressure at 50°C	:	Not available
Density	:	1,096 g/cm³
Relative density	:	1
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

Explosion limits : 0,7 – 13 vol %

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

No supplementary information available.

10.2. Chemical stability

No decomposition if used as directed.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No supplementary information available.

10.5. Incompatible materials

Oxidizing agent.

10.6. Hazardous decomposition products

In case of fire: May liberate toxic gases. Corrosive vapours.

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

QC EP-BINDER 030 B	
ATE CLP (oral)	1498,461 mg/kg bodyweight

Benzylic alcohol (100-51-6)	
LD50 oral rat	1360 – 1620 mg/kg bodyweight (Rat; Experimental value)
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	> 4178 mg/l air (OECD 403: Acute inhalation toxicity, 4 h, Rat, Male / female, Experimental value, Inhalation (aerosol))

Polyoxypropylenediamine (9046-10-0)	
LD50 oral rat	2885 mg/kg (Rat, Oral)
LD50 dermal rabbit	2980 mg/kg (Rabbit, Dermal)

Trimethylhexamethylenediamine (2,2,4- and 2,4,4- mixture) (25513-64-8)	
LD50 oral rat	910

3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	
LD50 oral rat	1030 mg/kg (Equivalent to or corresponding to OECD 401, Rat, Male, Experimental value, Oral, 14 day (s))
LD50 dermal rat	> 2000 mg/kg bodyweight (Rat; Experimental value; OECD 402: Acute dermal toxicity)
LD50 dermal rabbit	1,84 mg/kg
LC50 Inhalation - Rat	> 5,01 mg/l/4h (Rat; Experimental value)

Skin corrosion/irritation : Causes severe skin burns.
pH: 10,52

Polyoxypropylenediamine (9046-10-0)	
pH	11,6

3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	
pH	12

Serious eye damage/irritation : Causes serious eye damage.
pH: 10,52

Polyoxypropylenediamine (9046-10-0)	
pH	11,6

3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	
pH	12

Respiratory or skin sensitisation : May cause an allergic skin reaction.
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

QC EP-BINDER 030 B	
Viscosity, kinematic	182,482 mm²/s

Polyoxypropylenediamine (9046-10-0)	
Viscosity, kinematic	20,619 mm²/s

3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	
Viscosity, kinematic	19 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) : Harmful to aquatic life with long lasting effects.

Benzylic alcohol (100-51-6)	
LC50 - Fish [1]	460 mg/l (EPA OPP 72-1, 96 h, Pimephales promelas, Static system, Fresh water, Experimental value, Nominal concentration)

Benzylic alcohol (100-51-6)	
LC50 - Fish [2]	10 mg/l (96 h; Lepomis macrochirus)
EC50 - Crustacea [1]	230 mg/l (OECD 202: Acute Immobilization Study in Daphnia sp., 48 h, Daphnia magna, Fresh water, Experimental value, GLP)
EC50 72h - Algae [1]	770 mg/l
ErC50 algae	770 mg/l (OECD 201: Algae: growth inhibition study, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, GLP)
Threshold limit - Algae [1]	640 mg/l (96 h; Scenedesmus quadricauda)

Polyoxypropylenediamine (9046-10-0)	
LC50 - Fish [1]	> 15 mg/l (Ochorhyncus mykiss (rainbow trout))
EC50 - Crustacea [1]	80 (Daphnia magna (water flea)) (EC50(48h))
EC50 72h - Algae [1]	15 mg/l (Pseudokirchnerilla subcapitata) (EC50(72h))

Trimethylhexamethylenediamine (2,2,4- and 2,4,4- mixture) (25513-64-8)	
LC50 - Fish [1]	174 mg/l (Leuciscus idus) (LC50(48h))
EC50 - Crustacea [1]	31,5 mg/l (Daphnia magna (water flea)) (EC50(48h))
EC50 72h - Algae [1]	29,5 mg/l (Scenedesmus subspicatus) (EC50(72h))

3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	
LC50 - Fish [1]	110 mg/l (EU method C.1, 96 h, Leuciscus idus, Semi-static system, Fresh water, Experimental value, GLP)
LC50 - Fish [2]	110 mg/l (LC50; EU method C.1; 96 h; Leuciscus idus; Semi-static system; Fresh water; Experimental value)
EC50 - Crustacea [1]	23 mg/l (OECD 202: Acute Immobilization Study in Daphnia sp., 48 h, Daphnia magna, Static System, Fresh Water, Experimental Value, GLP)
EC50 72h - Algae [1]	37 mg/l (EU method C.3, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, GLP)
NOEC chronic crustacea	23
NOEC chronic algae	1,5 mg/l

12.2. Persistence and degradability

Benzylic alcohol (100-51-6)	
Persistence and degradability	easily degradable in the soil. readily degradable in water.

Polyoxypropylenediamine (9046-10-0)	
Persistence and degradability	Water : Not biodegradable.

3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	
Persistence and degradability	Product is practically not biodegradable.

12.3. Bioaccumulative potential

Benzylic alcohol (100-51-6)	
BCF - Fish [1]	1,37 l/kg
Partition coefficient n-octanol/water (Log Pow)	1 – 1,1 20 °c Experimental value
Bioaccumulative potential	Low bioaccumulation potential.

Polyoxypropylenediamine (9046-10-0)	
Bioaccumulative potential	No bioaccumulation expected.

3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	
BCF - Fish [1]	1,827 – 3,16
BCF - Other aquatic organisms [1]	3,16 (BCF; BCFWIN)
Partition coefficient n-octanol/water (Log Pow)	0,99 (Experimental value; OECD 107: Partition coefficient (n-octanol / water): Shake bottle method; 23 ° C)
Bioaccumulative potential	Low bioaccumulation potential.

12.4. Mobility in soil

Benzylic alcohol (100-51-6)	
Surface tension	39 mN/m (20 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	1,122 – 1,332
Ecology - soil	No supplementary information available.

3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	
Surface tension	3,47 N/m (23 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	log Koc,2.97; QSAR
Ecology - soil	Small adsorption.

12.5. Results of PBT and vPvB assessment

Component	
Benzylic alcohol (100-51-6)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII
3-aminomethyl-3,5,5-trimethylcyclohexylamine (2855-13-2)	This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

Additional information : Hazardous to water (WGK 2). Harmful to aquatic organisms. Danger of pollution of drinking water when product enters the soil. Do not flush into surface water or sewer system

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations. Ensure all national/local regulations are observed.

SECTION 14: Transport information

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

14.1. UN number or ID number

UN-No. (ADR) : UN 2735

UN-No. (IMDG)	:	UN 2735
UN-No. (IATA)	:	UN 2735
UN-No. (ADN)	:	UN 2735
UN-No. (RID)	:	UN 2735

14.2. UN proper shipping name

Proper Shipping Name (ADR)	:	AMINES, LIQUID, CORROSIVE, N.O.S.
Proper Shipping Name (IMDG)	:	AMINES, LIQUID, CORROSIVE, N.O.S.
Proper Shipping Name (IATA)	:	Amines, liquid, corrosive, n.o.s.
Proper Shipping Name (ADN)	:	AMINES, LIQUID, CORROSIVE, N.O.S.
Proper Shipping Name (RID)	:	AMINES, LIQUID, CORROSIVE, N.O.S.
Transport document description (IMDG)	:	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (Polyoxypropylene Diamine), 8, III
Transport document description (IATA)	:	UN 2735 Amines, liquid, corrosive, n.o.s. (Polyoxypropylene Diamine), 8, III
Transport document description (ADN)	:	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (Polyoxypropylene Diamine), 8, III
Transport document description (RID)	:	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (Polyoxypropylene Diamine), 8, III

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : 8

Danger labels (ADR) : 8

:

IMDG

Transport hazard class(es) (IMDG) : 8

Danger labels (IMDG) : 8

:

IATA

Transport hazard class(es) (IATA) : 8

Danger labels (IATA) : 8

:

ADN

Transport hazard class(es) (ADN) : 8

Danger labels (ADN) : 8

:

RID

Transport hazard class(es) (RID) : 8

Danger labels (RID) : 8

:

14.4. Packing group

Packing group (ADR) : III

Packing group (IMDG) : III

Packing group (IATA) : III

Packing group (ADN) : III

Packing group (RID) : III

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) : C7

Special provisions (ADR) : 274

Limited quantities (ADR) : 5L

Excepted quantities (ADR) : E1

Packing instructions (ADR) : P001, IBC03, LP01, R001

Mixed packing provisions (ADR) : MP19

Portable tank and bulk container instructions (ADR) : T7

Portable tank and bulk container special provisions (ADR) : TP1, TP28

Tank code (ADR) : L4BN

Vehicle for tank carriage : AT

Transport category (ADR) : 3

Special provisions for carriage - Packages (ADR) : V12

Hazard identification number (Kemler No.) : 80

Orange plates :

Tunnel restriction code (ADR) : E

EAC code : 2X

Transport by sea

Special provisions (IMDG) : 223, 274

Limited quantities (IMDG) : 5 L

Excepted quantities (IMDG) : E1

Packing instructions (IMDG) : P001, LP01

IBC packing instructions (IMDG) : IBC03

Tank instructions (IMDG) : T7

Tank special provisions (IMDG) : TP1, TP28

EmS-No. (Fire) : F-A

EmS-No. (Spillage) : S-B

Stowage category (IMDG) : A

Segregation (IMDG) : SGG18, SG35

Properties and observations (IMDG) : Colourless to yellowish liquids or solutions with a pungent odour. Miscible with or soluble in water. When involved in a fire, evolve toxic gases. Corrosive to most metals, especially to copper and its alloys. Reacts violently with acids. Cause burns to skin, eyes and mucous membranes.

Air transport

PCA Excepted quantities (IATA)	:	E1
PCA Limited quantities (IATA)	:	Y841
PCA limited quantity max net quantity (IATA)	:	1L
PCA packing instructions (IATA)	:	852
PCA max net quantity (IATA)	:	5L
CAO packing instructions (IATA)	:	856
CAO max net quantity (IATA)	:	60L
Special provisions (IATA)	:	A3, A803
ERG code (IATA)	:	8L

Inland waterway transport

Classification code (ADN)	:	C7
Special provisions (ADN)	:	274
Limited quantities (ADN)	:	5 L
Excepted quantities (ADN)	:	E1
Carriage permitted (ADN)	:	T
Equipment required (ADN)	:	PP, EP
Number of blue cones/lights (ADN)	:	0

Rail transport

Classification code (RID)	:	C7
Special provisions (RID)	:	274
Excepted quantities (RID)	:	E1
Packing instructions (RID)	:	P001, IBC03, LP01, R001
Mixed packing provisions (RID)	:	MP19
Portable tank and bulk container instructions (RID)	:	T7
Portable tank and bulk container special provisions (RID)	:	TP1, TP28
Tank codes for RID tanks (RID)	:	L4BN
Transport category (RID)	:	3
Special provisions for carriage – Packages (RID)	:	W12
Colis express (express parcels) (RID)	:	CE8
Hazard identification number (RID)	:	80

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)

Contains no substance(s) listed on REACH Annex XVII (Restriction Conditions)

REACH Annex XIV (Authorisation List)

Contains no substance(s) listed on REACH Annex XIV (Authorisation List)

REACH Candidate List (SVHC)

Contains no substance(s) listed on the REACH Candidate List

PIC Regulation (Prior Informed Consent)

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

POP Regulation (Persistent Organic Pollutants)

Contains no substance(s) listed on the POP list (Regulation EU 2019/1021 on persistent organic pollutants)

Ozone Regulation (1005/2009)

Contains no substance(s) listed on the Ozone Depletion list (Regulation EU 1005/2009 on substances that deplete the ozone layer)

Explosives Precursors Regulation (2019/1148)

Contains no substance(s) listed on the Explosives Precursors list (Regulation EU 2019/1148 on the marketing and use of explosives precursors)

Drug Precursors Regulation (273/2004)

Contains no substance(s) listed on the Drug Precursors list (Regulation EC 273/2004 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

France

Occupational diseases	
Code	Description
RG 49	Skin disorders caused by aliphatic, alicyclic amines or ethanolamines
RG 49 BIS	Respiratory disorders caused by aliphatic amines, ethanolamines or isophoronediamine
RG 66	Occupational rhinitis and asthma

Germany

Water hazard class (WGK) : WGK 3, Highly hazardous to water (Classification according to AwSV, Annex 1).
Hazardous Incident Ordinance (12. BImSchV) : Is not subject of the Hazardous Incident Ordinance (12. BImSchV)

Netherlands

SZW list of carcinogenic substances : None of the components are listed
SZW list of mutagenic substances : None of the components are listed
SZW list of reprotoxic substances - Breastfeeding : None of the components are listed
SZW list of reprotoxic substances - Fertility : None of the components are listed
SZW List of reprotoxic substances - Development : None of the components are listed

Denmark

MAL code : 00-1 (Executive Order No. 301 (1993))
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

Switzerland

Storage class (LK) : LK 8 - Corrosive materials
Chemicals Ordinance (SR 813.11) : Group 2

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Acute Tox. 4 (Inhalation:dust,mist)	Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment – Chronic Hazard, Category 3
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.

Full text of H- and EUH-statements:	
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H332	Harmful if inhaled.
H412	Harmful to aquatic life with long lasting effects.
Skin Corr. 1	Skin corrosion/irritation, Category 1
Skin Corr. 1A	Skin corrosion/irritation, Category 1, Sub-Category 1A
Skin Corr. 1B	Skin corrosion/irritation, Category 1, Sub-Category 1B
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1A	Skin sensitisation, category 1A

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.