

Safety Data Sheet

according to Regulation (EC) No 1907/2006

CP-Synthofloor 8016 Plus Part B

Revision date: 09.03.2020

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

1.1. Product identifier

CP-Synthofloor 8016 Plus Part B

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

Use of the substance/mixture

Industrial and construction product.

Uses advised against

No data available

1.3. Details of the supplier of the safety data sheet

Company name:	Chesterton International GmbH	
Street:	Am Lenzenfleck 23	
Place:	DE-85737 Ismaning GERMANY	
Telephone:	+49 89 99 65 46 - 0	Telefax: +49 89 99 65 46 - 50
e-mail:	eu-sds@chesterton.com	
e-mail (Contact person):	eu-sds@chesterton.com	
Internet:	www.chesterton.com	
Responsible Department:	eu-sds@chesterton.com	

1.4. Emergency telephone number:

+49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:

Acute toxicity: Acute Tox. 4

Skin corrosion/irritation: Skin Corr. 1B

Serious eye damage/eye irritation: Eye Dam. 1

Respiratory or skin sensitisation: Skin Sens. 1A

Hazardous to the aquatic environment: Aquatic Acute 1

Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:

Harmful if swallowed.

Causes severe skin burns and eye damage.

Causes serious eye damage.

May cause an allergic skin reaction.

Very toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

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Hazard components for labelling

Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert
Phenol, reaction products with formaldehyde
m-phenylenebis(methylamine)
1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.
3-aminopropyldiethylamine
2,4,6-tris(dimethylaminomethyl)phenol

Signal word: Danger

Pictograms:



Hazard statements

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H400 Very toxic to aquatic life.
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or 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/doctor.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

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Hazardous components

CAS No	Chemical name	Quantity
	EC No	
	Index No	
	REACH No	
	GHS Classification	
1173092-74-4	Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert	50 -< 75 %
	Acute Tox. 4, Skin Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2; H302 H314 H318 H317 H400 H411	
9003-35-4	Phenol, reaction products with formaldehyde	10 -< 25 %
	500-005-2	01-2120735197-51
	Eye Irrit. 2, Skin Sens. 1; H319 H317	
1477-55-0	m-phenylenebis(methylamine)	5 -< 10 %
	216-032-5	01-2119480150-50
	Acute Tox. 4, Acute Tox. 4, Skin Corr. 1, Skin Sens. 1, Aquatic Chronic 3; H332 H302 H314 H317 H412 EUH071	
404362-22-7	1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.	5 -< 10 %
	445-790-1	01-0000018826-60
	Acute Tox. 4, Skin Corr. 1, Eye Dam. 1, Skin Sens. 1, STOT RE 2, Aquatic Acute 1, Aquatic Chronic 1; H302 H314 H318 H317 H373 H400 H410	
104-78-9	3-aminopropyl-diethylamine	5 -< 10 %
	203-236-4	612-062-00-1
	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1; H226 H312 H302 H314 H317	
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol	1 -< 5 %
	202-013-9	01-2119560597-27
	Skin Corr. 1, Skin Sens. 1; H314 H317	

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

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Change contaminated, saturated clothing.

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

In case of allergic symptoms, seek medical advice immediately.

After inhalation

In case of inhalation of product / fumes, affected person should be moved into fresh air and kept still.

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

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After contact with skin

Remove contaminated, saturated clothing immediately.
After contact with skin, wash immediately with plenty of water and soap.
Seek medical advice immediately.

After contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.
Let water be drunk in little sips (dilution effect).
Do NOT induce vomiting.

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

Causes severe skin burns and eye damage.
Gastrointestinal complaints
Allergic reactions

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

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Dry extinguishing powder.
Carbon dioxide (CO₂).
alcohol resistant foam.
Water spray jet

Unsuitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated:
Carbon monoxide
Carbon dioxide (CO₂).
Nitrogen oxides (NO_x)

5.3. Advice for firefighters

Special protective equipment for firefighters Protective clothing. In case of fire: Wear self-contained breathing apparatus.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

See protective measures under point 7 and 8.

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Provide adequate ventilation.
Personal protection equipment: see section 8
Remove persons to safety.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.
Cover drains.
Clean contaminated articles and floor according to the environmental legislation.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

See protective measures under point 7 and 8.
Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

People who suffer from skin sensitization problems, asthma, allergies, chronic or recurring respiratory illnesses should not be deployed in any process using this preparation.

Avoid contact with eyes and skin. Use personal protection equipment.

Do not empty into drains.

Never use pressure to empty container. Keep/Store only in original container.

Advice on protection against fire and explosion

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Further information on handling

Wash hands before breaks and after work.
Used working clothes should not be worn outside the work area.
Street clothing should be stored separately from work clothing.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place. Keep/Store only in original container. Protect against heat and direct sunlight.
storage temperature: 5 -25 °C

Hints on joint storage

Keep away from food and drink.

Further information on storage conditions

Protect against:
Frost

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Heat
Humidity

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
9003-35-4	Phenol, reaction products with formaldehyde			
Worker DNEL, long-term		inhalation	systemic	98,7 mg/m ³
Worker DNEL, long-term		dermal	systemic	28 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	14,8 mg/m ³
Consumer DNEL, long-term		dermal	systemic	10 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	10 mg/kg bw/day
1477-55-0	m-phenylenebis(methylamine)			
Worker DNEL, long-term		dermal	systemic	0,33 mg/kg bw/day
Worker DNEL, long-term		inhalation	local	0,2 mg/m ³
Worker DNEL, long-term		inhalation	systemic	1,2 mg/m ³
404362-22-7	1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.			
Worker DNEL, long-term		inhalation	systemic	0,18 mg/m ³
Worker DNEL, long-term		inhalation	local	0,004 mg/m ³
Worker DNEL, long-term		dermal	systemic	0,05 mg/kg bw/day
Consumer DNEL, long-term		inhalation	systemic	0,04 mg/m ³
Consumer DNEL, long-term		inhalation	local	0,002 mg/m ³
Consumer DNEL, long-term		dermal	systemic	0,03 mg/kg bw/day
Consumer DNEL, long-term		oral	systemic	0,03 mg/kg bw/day

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PNEC values

CAS No	Substance	Value
9003-35-4	Phenol, reaction products with formaldehyde	
	Freshwater	0,172 mg/l
	Freshwater (intermittent releases)	1,72 mg/l
	Marine water	0,0172 mg/l
	Freshwater sediment	0,647 mg/kg
	Marine sediment	0,0647 mg/kg
	Soil	0,0284 mg/kg
1477-55-0	m-phenylenebis(methylamine)	
	Freshwater	0,094 mg/l
	Freshwater (intermittent releases)	0,152 mg/l
	Marine water	0,009 mg/l
	Freshwater sediment	12,4 mg/kg
	Marine sediment	1,24 mg/kg
	Micro-organisms in sewage treatment plants (STP)	10 mg/l
	Soil	2,44 mg/kg
404362-22-7	1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.	
	Freshwater	0,001 mg/l
	Marine water	0 mg/l
	Freshwater sediment	0,14 mg/kg
	Marine sediment	0,014 mg/kg
	Secondary poisoning	0,167 mg/kg
	Soil	0,028 mg/kg
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol	
	Freshwater	0,084 mg/l
	Freshwater (intermittent releases)	0,84 mg/l
	Marine water	0,008 mg/l
	Micro-organisms in sewage treatment plants (STP)	0,2 mg/l

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations. Use explosion-proof ventilating equipment.

Protective and hygiene measures

Work in well-ventilated zones or use proper respiratory protection. Only wear fitting, comfortable and clean protective clothing. Avoid contact with skin, eyes and clothes. Wash hands and face before breaks and after

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work and take a shower if necessary.

Eye/face protection

Suitable eye protection:

Eye glasses with side protection
goggles

Hand protection

Tested protective gloves must be worn: EN ISO 374

NBR (Nitrile rubber), Butyl caoutchouc (butyl rubber)

Wearing time with permanent contact: Thickness of the glove material: $\geq 0,4$ mm, Breakthrough time (maximum wearing time): >480 min

Wearing time with occasional contact (splashes):: Thickness of the glove material: $\geq 0,1$ mm, Breakthrough time (maximum wearing time) > 30 min

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

Breakthrough times and swelling properties of the material must be taken into consideration.

Skin protection

Protective clothing For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).

Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190).

Environmental exposure controls

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	transparent
Odour:	characteristic
pH-Value:	alkaline

Changes in the physical state

Melting point:	No data available
Initial boiling point and boiling range:	No data available
Sublimation point:	No data available
Softening point:	No data available
Pour point:	No data available
:	No data available
Flash point:	> 95 °C

Flammability

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Solid: No data available

Gas: No data available

Explosive properties

No information available.

Lower explosion limits: No data available

Upper explosion limits: No data available

Ignition temperature: No data available

Auto-ignition temperature

Solid: No data available

Gas: No data available

Decomposition temperature: No data available

Oxidizing properties

No information available.

Vapour pressure: No data available

Vapour pressure: No data available

Density: 1,0 g/cm³

Bulk density: No data available

Water solubility: No data available

Solubility in other solvents

No information available.

Partition coefficient: No data available

Viscosity / dynamic:
(at 25 °C) 600 mPa·s

Viscosity / kinematic: No data available

Flow time: No data available

Vapour density: No data available

Evaporation rate: No data available

Solvent separation test: No information available.

9.2. Other information

No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

No decomposition by use according to guideline.

10.3. Possibility of hazardous reactions

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No data available

10.4. Conditions to avoid

No data available

10.5. Incompatible materials

No data available

10.6. Hazardous decomposition products

No data available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

Harmful if swallowed.

ATEmix calculated

ATE (oral) 669,5 mg/kg

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CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
1173092-74-4	Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert				
	oral	ATE 500 mg/kg			
9003-35-4	Phenol, reaction products with formaldehyde				
	oral	LD50 > 5000 mg/kg	Rat	ChemID plus A TOXNET DATABASE.2017 (2017)	other: As mentioned below
	dermal	LD50 > 2000 mg/kg	Rat	ChemID plus A TOXNET DATABASE.2017 (2017)	other: As mentioned below
1477-55-0	m-phenylenebis(methylamine)				
	oral	LD50 930 mg/kg	Rat	Study report (1973)	OECD Guideline 401
	dermal	LD50 > 3100 mg/kg	Rat	Study report (1975)	TK 11813 was applied to a shaved area of
	inhalation vapour	ATE 11 mg/l			
	inhalation (4 h) aerosol	LC50 1,34 mg/l	Rat		
404362-22-7	1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.				
	oral	ATE 500 mg/kg			
104-78-9	3-aminopropyldiethylamine				
	oral	LD50 550 mg/kg	Rat	GESTIS	
	dermal	LD50 615 mg/kg	Rabbit	GESTIS	
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol				
	oral	LD50 2169 mg/kg	Rat	Study report (1992)	OECD Guideline 401

Irritation and corrosivity

Causes severe skin burns and eye damage.

Causes serious eye damage.

Sensitising effects

May cause an allergic skin reaction. (Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert; Phenol, reaction products with formaldehyde; m-phenylenebis(methylamine); 1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.; 3-aminopropyldiethylamine; 2,4,6-tris(dimethylaminomethyl)phenol)

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

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STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

Practical experience

Observations relevant to classification

Sensitisation to the respiratory tract. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
9003-35-4	Phenol, reaction products with formaldehyde					
	Acute crustacea toxicity	EC50 172 mg/l	48 h	Daphnia pulex	REACH Registration Dossier	OECD Guideline 202
1477-55-0	m-phenylenebis(methylamine)					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	Oncorhynchus mykiss	REACH Registration Dossier	OECD Guideline 203
	Acute algae toxicity	ErC50 12 mg/l	72 h	Desmodesmus subspicatus	REACH Registration Dossier	OECD Guideline 201
	Acute crustacea toxicity	EC50 15,2 mg/l	48 h	Daphnia magna (Big water flea)		
	Crustacea toxicity	NOEC 4,7 mg/l	21 d	Daphnia magna	REACH Registration Dossier	OECD Guideline 211
	Acute bacteria toxicity	(> 1000 mg/l)	0,5 h	Activated sludge from laboratory wastewater plant	Study report (2004)	OECD Guideline 209
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol					
	Acute fish toxicity	LC50 175 mg/l	96 h	Cyprinus carpio	Study report (1973)	other: Fish Bioassay Procedure in 1970 e
	Acute algae toxicity	ErC50 84 mg/l	72 h	Desmodesmus subspicatus	Study report (2004)	OECD Guideline 201

12.2. Persistence and degradability

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CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
1477-55-0	m-phenylenebis(methylamine)			
	OECD 301B/ ISO 9439/ EEC 92/69/V, C.4-C	49 %	28	
	Not readily biodegradable (according to OECD criteria)			

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
9003-35-4	Phenol, reaction products with formaldehyde	3,564
1477-55-0	m-phenylenebis(methylamine)	ca. 0,18
90-72-2	2,4,6-tris(dimethylaminomethyl)phenol	>= 0,219

BCF

CAS No	Chemical name	BCF	Species	Source
1477-55-0	m-phenylenebis(methylamine)	3,16	no data	Validated suite of c

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

Further information

Very toxic to aquatic life with long lasting effects. Do not allow to enter into surface water or drains.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

Contaminated packaging

Non-contaminated packages may be recycled. Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:	UN 2735
14.2. UN proper shipping name:	AMINES, LIQUID, CORROSIVE, N.O.S. (Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert, m-phenylenebis(methylamine))
14.3. Transport hazard class(es):	8
14.4. Packing group:	II

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Hazard label: 8
Classification code: C7
Special Provisions: 274
Limited quantity: 1 L
Transport category: 2
Hazard No: 80
Tunnel restriction code: E

Other applicable information (land transport)

E2

Inland waterways transport (ADN)

14.1. UN number: UN 2735
14.2. UN proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. ((Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert, m-phenylenebis(methylamine)))
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8
Classification code: C7
Special Provisions: 274
Limited quantity: 1 L

Other applicable information (inland waterways transport)

E2

Marine transport (IMDG)

14.1. UN number: UN 2735
14.2. UN proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. ((Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert, m-phenylenebis(methylamine)))
14.3. Transport hazard class(es): 8
14.4. Packing group: II
Hazard label: 8
Marine pollutant: p
Special Provisions: 274
Limited quantity: 1 L
EmS: F-A, S-B
Segregation group: alkalis

Other applicable information (marine transport)

E2

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number: UN 2735
14.2. UN proper shipping name: AMINES, LIQUID, CORROSIVE, N.O.S. ((Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert, m-phenylenebis(methylamine)))
14.3. Transport hazard class(es): 8
14.4. Packing group: II

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Hazard label:	8
Special Provisions:	A3 A803
Limited quantity Passenger:	0.5 L
IATA-packing instructions - Passenger:	851
IATA-max. quantity - Passenger:	1 L
IATA-packing instructions - Cargo:	855
IATA-max. quantity - Cargo:	30 L

Other applicable information (air transport)

E2

Passenger-LQ: Y840

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:	yes
Danger releasing substance:	Carbomonozyklische, alkylierte Gemische aus Poly-aza-Alkanen, hydriert

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No information available.

SECTION 15: Regulatory information

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

EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3: 3-aminopropyldiethylamine

2004/42/EC (VOC):	< 500 g/l (A+B)
Subcategory according to Directive 2004/42/EC:	Two-pack reactive performance coatings for specific end use such as floors - Solvent-borne coatings, VOC limit value: 500 g/l

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of child-bearing age.

Water hazard class (D): 3 - strongly hazardous to water

Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

15.2. Chemical safety assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

- m-phenylenebis(methylamine)
- 1,3-Benzenedimethanamine, N-(2-phenylethyl) derivs.
- 2,4,6-tris(dimethylaminomethyl)phenol

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SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
 ICAO: International Civil Aviation Organization
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 EC50: Effectice concentration, 50 percent
 DNEL: Derived No Effect Level
 PNEC: Predicted No Effect Concentration
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]

Classification	Classification procedure
Acute Tox. 4; H302	Calculation method
Skin Corr. 1B; H314	
Eye Dam. 1; H318	Calculation method
Skin Sens. 1A; H317	
Aquatic Acute 1; H400	Calculation method
Aquatic Chronic 2; H411	Calculation method

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

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H412 Harmful to aquatic life with long lasting effects.
EUH071 Corrosive to the respiratory tract.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)