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

1.1. Product identifier

Trade name

BÜFA®-Accelerator Co 1

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

Use of the substance/mixture

Catalysts

Uses advised against

SU21 Consumer uses: Private households (= general public = consumers)

1.3. Details of the supplier of the safety data sheet

Address

BÜFA Composites UK Ltd. / BUFA House
Factory Lane
CO11 1NH Brantham, Manningtree

Telephone no.	+44 (0) 1206 390 400
Information provided by / telephone	Department product safety / +49 4402 975-415
E-Mail	produktsicherheit-compositesystems@buefa.de

1.4. Emergency telephone number

Giftzentrale Goettingen: +49 551 19240

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Flam. Liq. 3	H226
Acute Tox. 4	H332
Skin Irrit. 2	H315
Eye Irrit. 2	H319
Skin Sens. 1	H317
Repr. 2	H361fd
STOT SE 3	H335
STOT RE 1	H372
Asp. Tox. 1	H304
Aquatic Chronic 3	H412

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008
For explanation of abbreviations see section 16.

Labelling according to regulation (EC) No 1272/2008

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms

Signal word

Danger

Hazard statements

H226	Flammable liquid and vapour.
H332	Harmful if inhaled.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H317	May cause an allergic skin reaction.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H335	May cause respiratory irritation.
H372	Causes damage to organs through prolonged or repeated exposure.
H304	May be fatal if swallowed and enters airways.
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P210.9	Keep away from sparks, open flames and other ignition sources. No smoking.
P260.8	Do not breathe vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/ attention.
P331	Do NOT induce vomiting.

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

contains *** styrene;m-xylene;Neodecanoic acid, cobalt salt;reaction mass of ethylbenzene and xylene

2.3. Other hazards

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients ***

3.2. Mixtures

Hazardous ingredients *

styrene

CAS No.	100-42-5				
EINECS no.	202-851-5				
Registration no.	01-2119457861-32-XXXX				
Concentration		>=	59	<	75 %
Flam. Liq. 3	H226				
Skin Irrit. 2	H315				
Acute Tox. 4	H332				
Eye Irrit. 2	H319				
STOT SE 3	H335				
STOT RE 1	H372	Organs: Ear; Route of exposure: inhalative			
Asp. Tox. 1	H304				
Repr. 2	H361d				
Aquatic Chronic 3	H412				

cATpE	inhalative, Dust/Mist	1,5	mg/l
ATE	inhalative, Vapors	11,8	mg/l

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note D

reaction mass of ethylbenzene and xylene

EINECS no.	905-588-0					
Registration no.	01-2119539452-40 ; 01-2119486136-34					
Concentration		>=	10	<	20	%
Skin Irrit. 2	H315					
Flam. Liq. 3	H226					
Acute Tox. 4	H332					
Acute Tox. 4	H312					
Eye Irrit. 2	H319					
STOT SE 3	H335					
STOT RE 2	H373					
Asp. Tox. 1	H304					
Aquatic Chronic 3	H412					

ATE	dermal	1.700	mg/kg
cATpE	inhalative, Dust/Mist	1,5	mg/l
cATpE	inhalative, Vapors	11	mg/l

Neodecanoic acid, cobalt salt

CAS No.	27253-31-2					
EINECS no.	248-373-0					
Registration no.	01-2119970733-31-0006					
Concentration		>=	3	<	10	%
Acute Tox. 4	H302					
Skin Sens. 1	H317					
Repr. 2	H361					
Aquatic Chronic 3	H412					

cATpE	oral	500	mg/kg

m-xylene

CAS No.	1330-20-7					
EINECS no.	215-535-7					
Registration no.	01-2119488216-32-XXXX					
Concentration		>=	1	<	3	%
Flam. Liq. 3	H226					
Acute Tox. 4	H312					
Acute Tox. 4	H332					
Asp. Tox. 1	H304					
Skin Irrit. 2	H315					
Eye Irrit. 2	H319					
STOT SE 3	H335					
STOT RE 2	H373					

ATE	dermal	1.700	mg/kg
cATpE	inhalative, Dust/Mist	1,5	mg/l
cATpE	inhalative, Vapors	11	mg/l

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note C

toluene

CAS No.	108-88-3					
EINECS no.	203-625-9					
Concentration		>=	0,1	<	1	%
Flam. Liq. 2	H225					
Asp. Tox. 1	H304					
Skin Irrit. 2	H315					
Repr. 2	H361d					
STOT SE 3	H336					
STOT RE 2	H373					

Complete text of hazard statements in chapter 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Adhere to personal protective measures when giving first aid. Remove soiled or soaked clothing immediately, do not allow to dry. If the patient is likely to become unconscious, place and transport in stable sideways position. Poisonous symptoms can first be observed after several hours, there- fore medical observation for at least 48 hours is necessary.

After inhalation

Remove the casualty into fresh air and keep him calm. In the event of symptoms take medical treatment.

After skin contact

After contact with skin, wash immediately with plenty of water. Consult a doctor if skin irritation persists.

After eye contact

In case of contact with the eyes rinse thoroughly with plenty of water or with an eye-cleaning solution. Remove contact lenses. Seek medical advice immediately.

After ingestion

Do not induce vomiting. Summon a doctor immediately. Rinse mouth thoroughly with water. Let plenty of water be drunk in small gulps.

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

The following symptoms may occur: Headache, Dizziness, Nausea

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

Alcohol-resistant foam, Dry powder, Carbon dioxide, Water spray jet

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In case of combustion evolution of dangerous gases possible. In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO_2); Metal oxides

5.3. Advice for firefighters

Use self-contained breathing apparatus.
Collect contaminated fire-fighting water separately, must not be discharged into the drains. Cool endangered containers with water spray jet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing. Use personal protective clothing. Keep away sources of ignition. Ensure adequate ventilation. Use breathing apparatus if exposed to vapours/dust/aerosol.

6.2. Environmental precautions

Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil. Prevent spread over a wide area (e.g. by containment or oil barriers). 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

Take up with absorbent material (eg sand, kieselguhr, universal binder). When picked up, treat material as prescribed under Section 13 "Disposal".

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Observe the usual precautions for handling chemicals.
Keep away from sources of ignition - No smoking. Take action to prevent static discharges. Vapours can form an explosive mixture with air.

7.2. Conditions for safe storage, including any incompatibilities

Peroxides
Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

7.3. Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

styrene

List	EH40			
Type	WEL			
Value	430	mg/m³	100	ppm(V)
Short term exposure limit	1080	mg/m³	250	ppm(V)

m-xylene

List	IOELV			
Type	IOELV			
Value	221	mg/m³	50	ppm(V)
Short term exposure limit	442	mg/m³	100	ppm(V)

Maximum limit value; Skin resorption / sensibilisation: Sk; Pregnancy group; Status; Remarks: Skin

Derived No/Minimal Effect Levels (DNEL/DMEL)

styrene

DNEL				
Conditions	Worker	Acute	inhalative	Systemic effects
Concentration	289	mg/m³		
DNEL				
Conditions	Worker	Long term	inhalative	Systemic effects
Concentration	85	mg/m³		
DNEL				
Conditions	Worker	Acute	inhalative	Local effects
Concentration	306	mg/m³		
DNEL				
Conditions	Worker	Long term	dermal	Systemic effects
Concentration	406	mg/kg/d		

m-xylene

DNEL				
Conditions	Worker	Short term	inhalative	Systemic effects
Concentration	289	mg/m³		
DNEL				
Conditions	Worker	Short term	inhalative	Local effects
Concentration	289	mg/m³		
DNEL				
Conditions	Worker	Lifetime	dermal	Systemic effects
Concentration	180	mg/kg		
DNEL				
Conditions	Worker	Lifetime	inhalative	Systemic effects
Concentration	77	mg/m³		

Neodecanoic acid, cobalt salt

Reference substance	Neodecanoic acid, cobalt salt		
Conditions	Worker	Long term	Local effects
Concentration	0,273	mg/m³	

reaction mass of ethylbenzene and xylene

DNEL				
Conditions	Worker	Long term	inhalative	Systemic effects
Concentration	221	mg/m³		
Most sensitive endpoint: neurotoxicity				
DNEL				
Conditions	Worker	Acute	inhalative	Systemic effects
Concentration	442	mg/m³		
Most sensitive endpoint: neurotoxicity				
DNEL				
Conditions	Worker	Long term	inhalative	Local effects
Concentration	221	mg/m³		
Most critical endpoint: irritation (respiratory tract)				
DNEL				
Conditions	Worker	Acute	inhalative	Local effects
Concentration	442	mg/m³		
Most critical endpoint: irritation (respiratory tract)				
DNEL				
Conditions	Worker	Long term	dermal	Systemic effects
Concentration	212	mg/person/d		
Most sensitive endpoint: neurotoxicity				

Predicted No Effect Concentration (PNEC)

reaction mass of ethylbenzene and xylene

Type of value	PNEC		
Type	freshwater		
Concentration		0,327	mg/l
Type of value	PNEC		

Type	freshwater sediment		
Concentration		12,46	mg/kg
Type of value	PNEC		
Type	marine water		
Concentration		0,327	mg/l
Type of value	PNEC		
Type	marine sediment		
Concentration	12,46		mg/kg
Type of value	PNEC		
Type	Sewage treatment plant (STP)		
Concentration	6,58		mg/l
Type of value	PNEC		
Type	Soil		
Concentration	2,31		mg/kg

8.2. Exposure controls

General protective and hygiene measures

Provide good ventilation of working area (local exhaust ventilation if necessary). Personal protective equipment must comply with the Regulation (EC) No 2016/425 and the resulting CEN standards.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Breathing apparatus in the event of high concentrations. Short term: filter apparatus, Filter A

Hand protection

Chemical resistant gloves

Appropriate Material	Butyl rubber		
Material thickness		07	mm
Breakthrough time	=	30	min

Eye protection

Tightly fitting safety glasses; Eye protection must comply with EN ISO 16321-1:2022.

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	liquid
Colour	blue
Odour	of styrene
Melting point	
Remarks	Not applicable
Freezing point	
Remarks	Not applicable
Boiling point	
Remarks	No data available
Flammability	
No data available	
Explosion limits	
Remarks	No data available

Flash point

Value	28,5	°C
Method	ISO 13736	

Ignition temperature

Value	490	°C
Remarks	Information refers to the main component. Styrol	

Thermal decomposition

Remarks: No data available

Self Accelerating Decomposition / Polymerization Temperature (SADT/SAPT)

Remarks: Not applicable

pH value

Remarks: Not applicable

Solubility in other solvents

Remarks: No data available

Octanol/water partition coefficient (log Pow)

Remarks: No data available

Vapour pressure

Remarks: No data available

Density

Value	0,91		g/cm³
Temperature	20	°C	
Method	DIN ISO 3507		

Vapour density

Remarks: No data available

Particle characteristics

Remarks: Not applicable

9.2. Other information

Efflux time

Value	5		s
Temperature	23	°C	
Method	DIN EN ISO 2431 - 6 mm		

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions when stored and handled according to prescribed instructions.

10.2. Chemical stability

The product is stable.

10.3. Possibility of hazardous reactions

Reactions with strong acids and alkalies.

10.4. Conditions to avoid

Heat, flames, sparks

Thermal decomposition

Remarks: No data available

10.5. Incompatible materials

Keep away from extremely acidic or alkaline materials, catalytic metal compounds and strong oxidation agents.

10.6. Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

ATE		6.990	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)		

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

Acute oral toxicity (Components)

styrene

Species	rat		
LD50	>	5000	mg/kg

m-xylene

Species	rat		
LD50		4300	mg/kg

reaction mass of ethylbenzene and xylene

Species	rat		
LD50		4300	mg/kg

Acute dermal toxicity

ATE		7.584	mg/kg
Method	calculated value (Regulation (EC) No. 1272/2008)		

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

Acute dermal toxicity (Components)

styrene

Species	rat		
LD50	>	5000	mg/kg

m-xylene

Species	rat		
LD50	>	1700	mg/kg

reaction mass of ethylbenzene and xylene

Species	rat		
LD50	>	1700	mg/kg

Acute inhalational toxicity

ATE		12,62	mg/l
Administration/Form	Vapors		
Method	calculated value (Regulation (EC) No. 1272/2008)		
ATE		1,63	mg/l
Administration/Form	Dust/Mist		
Method	calculated value (Regulation (EC) No. 1272/2008)		

The classification criteria are met.

Acute inhalative toxicity (Components)

styrene

Species	rat			
LC50		11,8		mg/l
Duration of exposure		4	h	
Administration/Form	Vapors			

m-xylene

Species	rat			
LC50		21,7		mg/l
Duration of exposure		4	h	

reaction mass of ethylbenzene and xylene

Species	rat		
LC50	21,7		mg/l
Duration of exposure	4	h	

Skin corrosion/irritation

evaluation irritant
The classification criteria are met.

Skin corrosion/irritation (Components)

reaction mass of ethylbenzene and xylene
evaluation irritant
Irritating effects on the skin and mucous membrane.

Serious eye damage/irritation

evaluation irritant
The classification criteria are met.

Serious eye damage/irritation (Components)

reaction mass of ethylbenzene and xylene
evaluation irritant - risk of serious damage to eyes

Sensitization

evaluation May cause sensitization by skin contact.
The classification criteria are met.

Sensitization (Components)

reaction mass of ethylbenzene and xylene
evaluation non-sensitizing

Mutagenicity

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

Reproductive toxicity

evaluation Suspected of damaging fertility. Suspected of damaging the unborn child.
The classification criteria are met.

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

Single exposure

The classification criteria are met.
evaluation May cause respiratory irritation.

Repeated exposure

The classification criteria are met.
evaluation Causes damage to organs through prolonged or repeated exposure

Specific Target Organ Toxicity (STOT) (Components)

styrene

Repeated exposure

evaluation Causes damage to organs through prolonged or repeated exposure
Route of exposure inhalative
Organs: Ear

Aspiration hazard

The classification criteria are met.
Harmful: may cause lung damage if swallowed.

11.2 Information on other hazards

Endocrine disrupting properties with respect to humans

The product does not contain a substance that has endocrine disrupting properties with respect to

humans.

Other information

Inhaling solvent parts above the workplace threshold value can cause irritation of mucous membranes and respiratory organs, kidney and liver damage as well as damage to the central nervous system.

SECTION 12: Ecological information

12.1. Toxicity

Fish toxicity

styrene					
LC/EC/IC50	>	1,0	to	10	mg/l
m-xylene					
LC50		2,6			mg/l
Duration of exposure		96	h		
NOEC	>	1,3			mg/l
Duration of exposure		56	Days		
reaction mass of ethylbenzene and xylene					
Species		rainbow trout (Oncorhynchus mykiss)			
LC50		2,6			mg/l
Duration of exposure		96	h		
Species		rainbow trout (Oncorhynchus mykiss)			
NOEC	>	1,3			mg/l
Duration of exposure		56	Days		

Daphnia toxicity

styrene					
Species		Daphnia magna			
LC/EC/IC50	>	1,0	to	10	mg/l
m-xylene					
Species		Daphnia magna			
EC50		1			mg/l
Duration of exposure		48	h		
Species		Daphnia magna			
NOEC		0,96			mg/l
Duration of exposure		7	Days		
reaction mass of ethylbenzene and xylene					
Species		Daphnia magna			
EC50		1			mg/l
Duration of exposure		24	h		
Species		Daphnia dubia			
NOEC		1,17			mg/l
Duration of exposure		7	Days		

Algae toxicity

styrene					
LC/EC/IC50	>	1,0	to	10	mg/l
m-xylene					
EC50		2,2			mg/l
Duration of exposure		72	h		
reaction mass of ethylbenzene and xylene					
Species		Pseudokirchneriella subcapitata			
EC50		2,2			mg/l
Duration of exposure		72	h		
Species		Pseudokirchneriella subcapitata			
NOEC		0,44			mg/l

Duration of exposure	73	h	

Bacteria toxicity

reaction mass of ethylbenzene and xylene

Species	activated sludge		
EC50	> 157		mg/l
Duration of exposure	3	h	

12.2. Persistence and degradability

For this subsection there is no ecotoxicological data available on the product as such.

Biodegradability

styrene

evaluation	Readily biodegradable (according to OECD criteria)

m-xylene

evaluation	good degradability
Remarks	The product is highly volatile and can be largely eliminated from the water by stripping.

reaction mass of ethylbenzene and xylene

evaluation	good degradability
Remarks	The product is highly volatile and can be largely eliminated from the water by stripping.

12.3. Bioaccumulative potential

For this subsection there is no ecotoxicological data available on the product as such.

Octanol/water partition coefficient (log Pow)

Remarks	No data available

m-xylene

BCF	25,9
Remarks	Bioaccumulation is not expected.

reaction mass of ethylbenzene and xylene

BCF	25,9
Remarks	Bioaccumulation is not expected.

12.4. Mobility in soil

For this subsection there is no ecotoxicological data available on the product as such.

m-xylene

Will not adsorb on soil.

reaction mass of ethylbenzene and xylene

Will not adsorb on soil.

12.5. Results of PBT and vPvB assessment

Evaluation of persistance and bioaccumulation potential

The product contains no PBT substances
The product contains no vPvB substances.

12.6. Other adverse effects

Endocrine disrupting properties with respect to the envrionment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

For this subsection there is no ecotoxicological data available on the product as such.
Ecological data are not available. Do not discharge into the drains/surface waters/groundwater.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

EWC waste code 07 02 04* other organic solvents, washing liquids and mother liquors
The listed waste code numbers, according to the European Waste Catalogue (EWC), are to be understood as a recommendation. A final decision must be made in agreement with the regional waste disposal company.

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste.

SECTION 14: Transport information ***

	Land transport ADR/RID ***	Marine transport IMDG/GGVSee ***
14.1. UN number	1993	1993
14.2. UN proper shipping name	FLAMMABLE LIQUID, N.O.S. (styrene, reaction mass of ethylbenzene and xylene)	FLAMMABLE LIQUID, N.O.S. (styrene, reaction mass of ethylbenzene and xylene)
14.3. Transport hazard class(es)	3	3
14.4. Packing group	III	III
Label		
14.5. Environmental hazards	-	
Limited Quantity		5 l
Limited Quantity	5 l	
Transport category	3	
Tunnel restriction code	D/E	
Hazard id. no.	30	
EmS		F-E, S-E

Information for all modes of transport

14.6. Special precautions for user

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Other information

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

Major-accident categories acc. 2012/18/EU

Category	P5c	FLAMMABLE LIQUID

VOC

VOC (EU)	23,35	%

Other information

The product does not contain substances according to: Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH).

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

Alterations/supplements: Alterations to the previous edition are marked with an asterisk (*) in the left-hand margin.

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Flam. Liq. 3	H226	On basis of test data
Acute Tox. 4	H332	Calculation method
Skin Irrit. 2	H315	Calculation method
Eye Irrit. 2	H319	Calculation method
Skin Sens. 1	H317	Calculation method
Repr. 2	H361fd	Calculation method
STOT SE 3	H335	Calculation method
STOT RE 1	H372	Calculation method
Asp. Tox. 1	H304	Calculation method
Aquatic Chronic 3	H412	Calculation method

Hazard statements listed in Chapter 2/3

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H361d	Suspected of damaging the unborn child.
H361fd	Suspected of damaging fertility. Suspected of damaging the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.
H373	May cause damage to organs through prolonged or repeated exposure.
H412	Harmful to aquatic life with long lasting effects.

CLP categories listed in Chapter 2/3

Acute Tox. 4	Acute toxicity, Category 4
Aquatic Chronic 3	Hazardous to the aquatic environment, chronic, Category 3
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Eye irritation, Category 2

Flam. Liq. 2	Flammable liquid, Category 2
Flam. Liq. 3	Flammable liquid, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin irritation, Category 2
Skin Sens. 1	Skin sensitization, Category 1
STOT RE 1	Specific target organ toxicity - repeated exposure, Category 1
STOT RE 2	Specific target organ toxicity - repeated exposure, Category 2
STOT SE 3	Specific target organ toxicity - single exposure, Category 3

Abbreviations

ATE: Acute Toxicity Estimates
CAS: Chemical Abstracts Service
cATpE: Converted acute toxicity point estimate
EAK: Europäischer Abfallkatalog
EINECS: European Inventory of Existing Commercial Chemical Substances
vPvB: Very persistent and very bioaccumulative
vPvB: Very persistent and very bioaccumulative
VOC: Volatile Organic Compound

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.