

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 Date of issue: 3-11-2006 Revision date: 30-5-2017 Supersedes: 16-12-2014 Version: 5.0

1.1. Product				
Product form	:	Mixture		
Product name	:	DRY FIX® 16 - Component B		
1.2. Relevant	identified uses of the substar	ice or mixture and uses advise	ed against	
1.2.1. Relevant	identified uses			
Main use category	:	Industrial use, Professional use		
Use of the substance/mixture : Wood stabiliser for elastic repair compound Product only to be used in combination with component A.				
1.2.2. Uses adv	vised against			
No additional inform	nation available			
1.3. Details o	f the supplier of the safety dat	a sheet		
Repair Care Interna	ational			
Cartografenweg 34				
5141 MT Waalwijk T + 31(0) 416 6500	- Nederland 95 - F + 31(0) 416 652024			
	om - www.repair-care.com			
info@repair-care.co				
	cy telephone number			
1.4. Emerger	cy telephone number	Address	E	Domostr
1.4. Emerger Country	Organisation/Company	Address	Emergency number	Remark
1.4. Emerger		Address Claremont Place Newcastle-upon-Tyne NE1 4LP Newcastle	Emergency number 0344 892 0111	Remark Only for the purpose of informing medical personn in cases of acute intoxications

2.1.	Classification of the substance or mixture
Classi	fication according to Regulation (EC) No. 1272/2008 [CLP]

SECTION 2: Hazards identification

City Hospital

United Kingdom

314 317
317
361
373
411

Full text of hazard classes and H-statements : see section 16

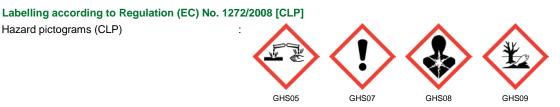
Adverse physicochemical, human health and environmental effects

National Poisons Information

Service (Birmingham Centre)

Toxic to aquatic life with long lasting effects. Suspected of damaging fertility or the unborn child. May cause an allergic skin reaction. May cause damage to organs through prolonged or repeated exposure. Harmful if swallowed. Causes severe skin burns and eye damage.

2.2. Label elements



Dudley Road B18 7QH Birmingham intoxications

Only for the purpose of

in cases of acute intoxications

informing medical personnel

0344 892 0111

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Signal word (CLP)	: Danger
Hazardous ingredients	 Benzyl alcohol; 2-piperazin-1-ylethylamine; 2,4,6-tris(dimethylaminomethyl)phenol; 4-tert- butylphenol; 1,3-Cyclohexanedimethanamine; Reaction products of di-, tri- and tetra- propoxylated propane-1,2-diol with ammonia
Hazard statements (CLP)	 H302 - Harmful if swallowed H314 - Causes severe skin burns and eye damage H317 - May cause an allergic skin reaction H361 - Suspected of damaging fertility or the unborn child H373 - May cause damage to organs through prolonged or repeated exposure H411 - Toxic to aquatic life with long lasting effects
Precautionary statements (CLP)	 P260 - Do not breathe vapours, mist, spray P280 - Wear protective gloves, protective clothing, eye protection, Wear respiratory 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 doctor, a POISON CENTER P501 - Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation

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2.3. Other hazards
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Other hazards not contributing to the : Without VOC (volatile organic compounds). classification

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

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	Conc. (% w/w)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
1,3-Cyclohexanedimethanamine	(CAS-No.) 2579-20-6 (EC-No.) 219-941-5 (REACH-no) 01-2119543741-41	< 50	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Skin Corr. 1A, H314 Aquatic Chronic 3, H412
4-tert-butylphenol	(CAS-No.) 98-54-4 (EC-No.) 202-679-0 (EC Index-No.) 604-090-00-8 (REACH-no) 01-2119489419-21	< 25	Skin Irrit. 2, H315 Eye Dam. 1, H318 Repr. 2, H361f Aquatic Chronic 1, H410
2,4,6-tris(dimethylaminomethyl)phenol	(CAS-No.) 90-72-2 (EC-No.) 202-013-9 (EC Index-No.) 603-069-00-0 (REACH-no) 01-2119560597-27	< 25	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Skin Sens. 1, H317
Benzyl alcohol	(CAS-No.) 100-51-6 (EC-No.) 202-859-9 (EC Index-No.) 603-057-00-5 (REACH-no) 01-2119492630-38	< 25	Acute Tox. 4 (Oral), H302 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Eye Irrit. 2, H319
Reaction products of di-, tri- and tetra-propoxylated propane- 1,2-diol with ammonia	(CAS-No.) 9046-10-0 (EC-No.) 618-561-0 (REACH-no) 01-2119557899-12	< 25	Skin Corr. 1C, H314 Aquatic Chronic 3, H412
Bis[(dimethylamino)methyl]phenol	(CAS-No.) 71074-89-0 (EC-No.) 275-162-0	< 5	Skin Corr. 1B, H314
2-piperazin-1-ylethylamine	(CAS-No.) 140-31-8 (EC-No.) 205-411-0 (EC Index-No.) 612-105-00-4 (REACH-no) 01-2119471486-30	< 5	Acute Tox. 4 (Oral), H302 Acute Tox. 3 (Dermal), H311 Skin Corr. 1B, H314 Skin Sens. 1, H317 Repr. 2, H361 STOT RE 1, H372 Aquatic Chronic 3, H412

Full text of H-phrases: see section 16

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SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Never give anything by mouth to an unconscious person. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medica advice/attention if you feel unwell.
First-aid measures after skin contact	: Take off contaminated clothing. Gently wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, present and easy to do. Continue rinsing. If eye irritation persists, consult a specialist.
First-aid measures after ingestion	: Rinse mouth. Do not induce vomiting without medical advice. Get immediate medical advice/attention.
4.2. Most important symptoms and effe	cts, both acute and delayed
Symptoms/effects after skin contact	: May cause an allergic skin reaction.
4.3. Indication of any immediate medica	I attention and special treatment needed
Treat symptomatically.	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the su	
Fire hazard	: No fire hazard. Non combustible. Presents no particular fire or explosion hazard.
Hazardous decomposition products in case of	: For further information, refer to section 10 : "Stability and Reactivity".
ire	· · · · · · · · · · · · · · · · · · ·
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any
	chemical fire. Prevent fire fighting water from entering the environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental release mea	sures
6.1. Personal precautions, protective ec	uipment and emergency procedures
General measures	: Ensure that there is a suitable ventilation system.
6.1.1. For non-emergency personnel	
Emergency procedures	: Evacuate unnecessary personnel. Avoid contact with skin and eyes. Do not breathe vapours, mist, spray.
6.1.2. For emergency responders	
Protective equipment	: Equip cleanup crew with proper protection. For further information refer to section 8: "Exposur controls/personal protection".
Emergency procedures	: Ventilate area.
6.2. Environmental precautions	
Do not allow to enter drains or water courses.	
6.3. Methods and material for containm	ent and cleaning up
For containment	: Collect spillage.
Methods for cleaning up	: Take up liquid spill into absorbent material. Sweep or shovel spills into appropriate container f disposal. Notify authorities if product enters sewers or public waters.
Other information	: Dispose of materials or solid residues at an authorized site.
6.4. Reference to other sections	
	sure controls/personal protection". Concerning disposal elimination after cleaning, see section 13.
SECTION 7: Handling and storage	
7.1. Precautions for safe handling	Concerning personal protective equipment to use see item 9. Provide good ventilation in
Precautions for safe handling	: Concerning personal protective equipment to use, see item 8. Provide good ventilation in process area to prevent formation of vapour. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapours, mist, spray.

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Hygiene measures	: Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse.
7.2. Conditions for safe storage	, including any incompatibilities
Storage conditions	 Keep only in the original container in a cool well ventilated place. Keep container closed when not in use. Store locked up. Avoid extremely high (> 50 ° C) or low (<5 ° C) temperatures.
Incompatible products	: acids.
Storage temperature	: 20 °C ± 10°C
Heat and ignition sources	: Keep away from heat and direct sunlight.
7.3. Specific end use(s)	

Industrial. Professional.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Appropriate engineering controls:

Provide local exhaust or general room ventilation to minimize vapour concentrations. Ensure good ventilation of the work station.

Personal protective equipment:

Gloves. Protective clothing. Protective goggles. Wear respiratory protection.

Hand protection:

Wear suitable gloves resistant to chemical penetration. Chemical resistant gloves (according to European standard NF EN 374 or equivalent)

Туре	Material	Permeation	Thickness (mm)	Penetration	Standard
Reusable gloves, Disposable gloves	nitrile rubber (NBR), Polyvinylchloride (PVC)	6 (> 480 minutes)	≥0,11		EN 374

Eye protection:

Protective goggles. DIN EN 166

Skin and body protection:

Wear suitable protective clothing. CEN : EN 340; EN 369; EN 465

Respiratory protection:

Wear respiratory protection. EN 143

Device	Filter type	Condition	Standard
breathing apparatus with filter	Туре Р2	Vapour protection, Protection for Liquid particles	EN 143



Environmental exposure controls:

Avoid release to the environment.

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties		
9.1. Information on basic physical and chemical properties		
Physical state	: Liquid	
Colour	: Colourless.	
Odour	: characteristic.	
Odour threshold	: No data available	
рН	: No data available	

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Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: < 0 °C
Freezing point	: No data available
Boiling point	: > 100 °C
Flash point	: > 62 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: >1
Relative density	: 1,03
Solubility	: In water, material is partially soluble.
Log Pow	: No data available
Viscosity, kinematic	: 121 mPa.s
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity					
10.1. Reactivity					
Stable under normal conditions of use.					
10.2. Chemical stability	10.2. Chemical stability				
Stable under normal conditions.					
10.3. Possibility of hazardous reactions					
No dangerous reactions known.					
10.4. Conditions to avoid					
Avoid extremely high (> 50 ° C) or low (<5 ° C) ten	nperatures. Keep away from heat and direct sunlight.				
10.5. Incompatible materials					
acids.					
10.6. Hazardous decomposition products					
No additional information available					
SECTION 11: Toxicological informatic	on				
11.1. Information on toxicological effects					
Acute toxicity (oral)	: Oral: Harmful if swallowed.				
·····)	: Not classified				
Acute toxicity (inhalation)	: Not classified				
ATE oral	857,6688143252 mg/kg bodyweight				
Benzyl alcohol (100-51-6)					
LD50 oral rat	1230 mg/kg				
LD50 dermal rabbit	2000 mg/kg				
LC50 inhalation rat (mg/l)	4,8 mg/l/4h				
2-piperazin-1-ylethylamine (140-31-8)					
LD50 oral rat	2140 mg/kg				
LD50 dermal rat	2250 ml/kg				
LD50 dermal rabbit	866 mg/kg				
Skin corrosion/irritation	: Causes severe skin burns and eye damage.				
Serious eye damage/irritation	: Serious eye damage, category 1, implicit				
Respiratory or skin sensitisation	: May cause an allergic skin reaction.				
Germ cell mutagenicity	: Not classified				
Carcinogenicity	: Not classified				

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Reproductive toxicity	: Suspected of damaging fertility or the unborn child.		
STOT-single exposure	: Not classified		
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.		
Aspiration hazard	: Not classified		

SECTION 12. Ecological information	
12.1. Toxicity	
Ecology - general	: Toxic to aquatic life with long lasting effects.
Acute aquatic toxicity	: Not classified
Chronic aquatic toxicity	: Toxic to aquatic life with long lasting effects.

12.2. Persistence and degradability			
DRY FIX® 16 - Component B			
Persistence and degradability Not established.			
Benzyl alcohol (100-51-6)			
Persistence and degradability Readily biodegradable.			
12.3. Bioaccumulative potential			
DRY FIX® 16 - Component B			
Bioaccumulative potential Not established.			
Benzyl alcohol (100-51-6)			
Log Pow	1,1		
Bioaccumulative potential	Due to the n-octanol-water partition coefficient, a bio-accumulation in organisms is not to be expected.		
2.4. Mobility in soil			

No additional information available

	esults of PBT and vPvB assessment	
DRY FIX®	0 16 - Component B	
This substa	tance/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		

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12.6. Other adverse effects
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Additional information

: Avoid release to the environment

SECTION 13: Disposal considerations				
13.1. Waste treatment methods				
Product/Packaging disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.			
Additional information	: Empty containers should be taken for recycle, recovery or waste in accordance with local regulation.			
Ecology - waste materials	: Avoid release to the environment.			
European List of Waste (LoW) code	: 08 04 09* - waste adhesives and sealants containing organic solvents or other dangerous substances			

SECTION 14: Transport information

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

ADR	IMDG	IATA	ADN	RID
14.1. UN number			·	
2735	2735	2735	2735	2735
14.2. UN proper shippi	ng name	•	•	
AMINES, LIQUID, CORROSIVE, N.O.S. (1,3- Cyclohexanedimethanami ne)				
UN 2735 AMINES,				
LIQUID, CORROSIVE,				
N.O.S. (1,3-				
Cyclohexanedimethanami	Cyclohexanedimethanami	Cyclohexanedimethanami	Cyclohexanedimethanami	Cyclohexanedimethanami

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ENVIRONMENTALLY HAZARDOUS POL ENT 14.3. Transport hazard class 8 8 0 0 14.4. Packing group II II 14.5. Environmental hazards Dangerous for the environment : Yes Dangerous	8, II, MARINE LUTANT/ENVIRONM ALLY HAZARDOUS 5 (es)	ne), 8, II, ENVIRONMENTALLY HAZARDOUS	ne), 8, II, ENVIRONMENTALLY HAZARDOUS	ne), 8, II, ENVIRONMENTALLY HAZARDOUS
HAZARDOUS ENT 14.3. Transport hazard class 8 8 8 14.4. Packing group 14.4. Packing group 11 11 14.5. Environmental hazards Dangerous for the environment : Yes Dan environment : Yes Dan environment : Yes Mari 14.6. Special precautions for - Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container in (ADR) Portable tank and bulk container sp	ALLY HAZARDOUS			
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Dangerous for the environment : Yes Dan environment : Yes 14.6. Special precautions for 14.6. Special precautions for Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Mixed packing provisions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container in (ADR) Portable tank and bulk container sportable tank and bulk contai		II	Ш	Ш
environment : Yes environment : Yes Mari 14.6. Special precautions for - Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container in (ADR) Portable tank and bulk container sp	gerous for the	Dangerous for the	Dangerous for the	Dangerous for the
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- Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container in (ADR) Portable tank and bulk container sp	ne pollutant : Yes			
- Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container in (ADR) Portable tank and bulk container sp	No	supplementary information a	available	
• Overland transport Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container in (ADR) Portable tank and bulk container sp				
Classification code (ADR) Special provisions (ADR) Limited quantities (ADR) Excepted quantities (ADR) Packing instructions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container in (ADR) Portable tank and bulk container sp				
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Excepted quantities (ADR) Packing instructions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container in (ADR) Portable tank and bulk container sp	: 274			
Packing instructions (ADR) Mixed packing provisions (ADR) Portable tank and bulk container in (ADR) Portable tank and bulk container sp	: 11			
Mixed packing provisions (ADR) Portable tank and bulk container in (ADR) Portable tank and bulk container sp	: E2			
Portable tank and bulk container in (ADR) Portable tank and bulk container sp	: P00 ⁻	1, IBC02		
ADR) Portable tank and bulk container sp	: MP1	5		
	structions : T11			
Drovisions (ADR)	pecial : TP1,	, TP27		
Tank code (ADR)	: L4BI	N		
Vehicle for tank carriage	: AT			
Transport category (ADR)	: 2			
Hazard identification number (Kem				
Orange plates	:	80		
	_	00		
		2735		
Tunnel restriction code (ADR)	: E			
EAC code	: 2X			
APP code	: B			
- Transport by sea				
Special provisions (IMDG)	: 274			
Limited quantities (IMDG)	: 1 L			
Excepted quantities (IMDG)	: E2			
Packing instructions (IMDG)	: P00 ⁻	1		
IBC packing instructions (IMDG)	: IBC0)2		
Tank instructions (IMDG)	: T11			
Tank special provisions (IMDG)	: TP1,	, TP27		
EmS-No. (Fire)	: F-A			
EmS-No. (Spillage)	: S-B			
Stowage category (IMDG)	: A			
Segregation (IMDG)	: SG3	5		
Properties and observations (IMDC			solutions with a pungent odour.	Miscible with or soluble in
	wate	r. When involved in a fire, ev	olve toxic gases. Corrosive to m	nost metals, especially to
			ently with acids. Cause burns to	skin, eyes and mucous
		branes.		
MFAG-No	: 153			
80-5-2017	EN (I			7/1

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- Air transport

PCA Excepted quantities (IATA)	: E2
PCA Limited quantities (IATA)	: Y840
PCA limited quantity max net quantity (IATA)	: 0.5L
PCA packing instructions (IATA)	: 851
PCA max net quantity (IATA)	: 1L
CAO packing instructions (IATA)	: 855
CAO max net quantity (IATA)	: 30L
Special provisions (IATA)	: A3
ERG code (IATA)	: 8L
- Inland waterway transport	
Classification code (ADN)	: C7
Special provisions (ADN)	: 274
Limited quantities (ADN)	: 1L
Excepted quantities (ADN)	: E2
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
Limited quantities (RID)	: 1L
Excepted quantities (RID)	: E2
Packing instructions (RID)	: P001, IBC02
Mixed packing provisions (RID)	: MP15
Portable tank and bulk container instructions (RID)	: T11
Portable tank and bulk container special provisions (RID)	: TP1, TP27
Tank codes for RID tanks (RID)	: L4BN
Transport category (RID)	: 2
Colis express (express parcels) (RID)	: CE6
Hazard identification number (RID)	: 80

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

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Directive 2012/18/EU (SEVESO III)

: E2 Hazardous to the Aquatic Environment in Category Chronic 2

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Revised safety data sheet in accordance with commission regulation (EU) No 2015/830.

Section	Changed item	Change	Comments
1.2	Main use category	Added	
1.2	Industrial/Professional use spec	Removed	

Not applicable

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

2.1	Classification according to Regulation (EC) No. 1272/2008 [CLP]	Modified	
2.1	Adverse physicochemical, human health and environmental effects	Added	
2.2	Precautionary statements (CLP)	Modified	
2.2	S-phrases	Removed	
2.2	Hazard pictograms (CLP)	Modified	
2.2	Hazard statements (CLP)	Modified	
2.2	R-phrases	Removed	
2.2	Hazard symbols	Removed	
3	Composition/information on ingredients	Modified	
4.1	First-aid measures after ingestion	Modified	
4.1	First-aid measures after eye contact	Modified	
4.1	First-aid measures after skin contact	Modified	
4.1	First-aid measures general	Modified	
4.1	First-aid measures after inhalation	Modified	
4.2	Symptoms/effects	Removed	
4.2	Symptoms/effects after inhalation	Removed	
4.2	Symptoms/effects after skin contact	Modified	
4.2	Symptoms/effects after ingestion	Removed	
4.3	Other medical advice or treatment	Added	
5.2	Hazardous decomposition products in case of fire	Added	
5.2	Fire hazard	Modified	
6.1	Protective equipment	Modified	
6.1	Emergency procedures	Modified	
6.2	Environmental precautions	Modified	
6.3	Other information	Added	
6.3	For containment	Added	
6.3	Methods for cleaning up	Modified	
6.4	Reference to other sections (8, 13)	Modified	
7.1	Precautions for safe handling	Modified	
7.1	Hygiene measures	Modified	
7.2	Incompatible products	Modified	
7.2	Storage conditions	Modified	
7.2	Heat and ignition sources	Added	
7.2	Technical measures	Removed	
7.2	Incompatible materials	Removed	
7.3	Specific end uses	Modified	
8.2	Skin and body protection	Modified	
8.2	Eye protection	Modified	
8.2	Hand protection	Modified Modified	
8.2 8.2	Respiratory protection Personal protective equipment	Modified	
8.2	Environmental exposure controls	Added	
8.2	Appropriate engineering controls	Modified	
9.1	Relative vapour density at 20 °C	Modified	
9.1	Relative density	Modified	
10.1	Reactivity	Modified	
10.2	Chemical stability	Modified	
10.3	Possibility of hazardous reactions	Modified	
10.4	Conditions to avoid	Modified	
10.4	Hazardous decomposition products	Removed	

EN (English)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

iccording to Regula	IIOII (EC) NO. 1907/2008	(REACH) with its amendin	ient Regulation (EU) 2015/830	
11.1	Additional information Removed			
11.1	Additional information		Removed	
11.1	Additional	information	Removed	
11.1	Additional	Additional information Removed		
11.1	Additional information Removed			
11.1		Additional information Removed		
11.1	Potential adverse human health Removed			
	effects and symptoms			
11.1	ATE dust/mist Removed			
11.1	ATE derma	al	Removed	
11.1	ATE oral	nonoral	Modified	
12.1 13.1	Ecology -	information	Added Added	
13.1	Waste dis		Modified	
13.1	recommen		Woulled	
14.4		roup (ADN)	Modified	
14.4		roup (IATA)	Modified	
14.4		roup (IMDG)	Modified	
14.4		roup (ADR)	Modified	
14.6		category (ADR)	Modified	
14.6		quantities (ADR)	Modified	
14.6		antities (ADR)	Modified	
14.6		structions (IMDG)	Modified	
16		ons and acronyms	Added	
16	Data source		Modified	
Abbreviations ar	nd acronyms:			
SDS	Safety Data Sheet			
CLP		Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008		
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006			
PBT	Persistent Bioaccumulative Toxic			
vPvB	Very Persistent and Very Bioaccumulative			
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways			
ADR		European Agreement concerning the International Carriage of Dangerous Goods by Road		
IATA	International Air Transport Association			
IMDG		International Maritime Dangerous Goods		
RID			Carriage of Dangerous Goods by Rail	
LC50	Median lethal cond			
LD50	Median lethal dose			
CAS		ostracts Service) numb	er	
		en ELINCS-number		
			Commercial Substances	
	OEL: Occupationa	I Exposure Limit		
Data sources	a sources : according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.			EACH) with its amendment Regulation (EU)
Other informatio	n	: REACH This info	Disclaimer: rmation is based on current knowledge	. Consistency of data in the SDS with CSR is e at the time of compilation (cfr Revision date
		and Ver from sou warranty storage, knowled liability f storage, product.	sion number). DISCLAIMER OF LIABIL arces which we believe are reliable. How or, express or implied, regarding its corre- use or disposal of the product are beyon ge. For this and other reasons, we do no or loss, damage or expense arising out use or disposal of the product. This SE	ITY The information in this SDS was obtained wever, the information is provided without any extness. The conditions or methods of handling, and our control and may be beyond our not assume responsibility and expressly disclaim of or in any way connected with the handling, S was prepared and is to be used only for this in another product, this SDS information may
Full text of H- a	nd EUH-statements:			
Acute Tox. 3 (I	Dermal)	Acute toxicity (derma	I), Category 3	
Acute Tox. 4 (I	,	Acute toxicity (derma		
			,	· · · · · · · · · · · · · · · · · · ·

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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 1	Hazardous to the aquatic environment — Chronic Hazard, Category 1	

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2	
Aquatic Chronic 3	Hazardous to the aquatic environment — Chronic Hazard, Category 3	
Eye Dam. 1	Serious eye damage/eye irritation, Category 1	
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2	
Repr. 2	Reproductive toxicity, Category 2	
Repr. 2	Reproductive toxicity, Category 2	
Skin Corr. 1A	Skin corrosion/irritation, Category 1A	
Skin Corr. 1B	Skin corrosion/irritation, Category 1B	
Skin Corr. 1C	Skin corrosion/irritation, Category 1C	
Skin Irrit. 2	Skin corrosion/irritation, Category 2	
Skin Sens. 1	Skin sensitisation, Category 1	
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1	
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2	
H302	Harmful if swallowed	
H311	Toxic in contact with skin	
H312	Harmful in contact with skin	
H314	Causes severe skin burns and eye damage	
H315	Causes skin irritation	
H317	May cause an allergic skin reaction	
H318	Causes serious eye damage	
H319	Causes serious eye irritation	
H332	Harmful if inhaled	
H361	Suspected of damaging fertility or the unborn child	
H361f	Suspected of damaging fertility	
H372	Causes damage to organs through prolonged or repeated exposure	
H373	May cause damage to organs through prolonged or repeated exposure	
H410	Very toxic to aquatic life with long lasting effects	
H411	Toxic to aquatic life with long lasting effects	
H412	Harmful to aquatic life with long lasting effects	
Classification and procedure u	sed to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:	
Acute Tox. 4 (Oral)	H302 Calculation method	
Skin Corr. 1A	H314 Calculation method	
Skin Sens. 1	H317 Calculation method	
Repr. 2	H361 Calculation method	
STOT RE 2	H373 Calculation method	
Aquatic Chronic 2	H411 Calculation method	

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