

Safety Data Sheet according to (EC) No 1907/2006 as amended

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LOCTITE SF 737 known as Loctite 737

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

1.1. Product identifier

LOCTITE SF 737 known as Loctite 737

1.2. Relevant identified uses of the substance or mixture and uses advised against Intended use: activator

1.3. Details of the supplier of the safety data sheet

Henkel Ltd Adhesives Wood Lane End HP2 4RQ Hemel Hempstead

Great Britain

Phone: +44 (1442) 278000 Fax-no.: +44 (1442) 278071

ua-productsafety.uk@henkel.com

For Safety Data Sheet updates please visit our website https://mysds.henkel.com/index.html#/appSelection or www.henkeladhesives.com.

1.4. Emergency telephone number

24 Hours Emergency Tel: +44 (0)1442 278497

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (CLP):	
Acute toxicity	Category 4
H302 Harmful if swallowed.	
Route of Exposure: Oral	
Skin irritation	Category 2
H315 Causes skin irritation.	
Serious eye irritation	Category 2
H319 Causes serious eye irritation.	
Specific target organ toxicity - single exposure	Category 2
H371 May cause damage to organs.	
Specific target organ toxicity - repeated exposure	Category 2
H373 May cause damage to organs through prolonged or repeated exposure.	
Acute hazards to the aquatic environment	Category 1
H400 Very toxic to aquatic life.	
Chronic hazards to the aquatic environment	Category 1
H410 Very toxic to aquatic life with long lasting effects.	

H410 Very toxic to aquatic life with long lasting effects.

2.2. Label elements

Label elements (CLP):

Hazard pictogram:	
Contains	Diethyl-phenyl-propyl-dihydropyridine
	N-Butylaniline
Signal word:	Warning
Hazard statement:	 H302 Harmful if swallowed. H315 Causes skin irritation. H319 Causes serious eye irritation. H371 May cause damage to organs. H373 May cause damage to organs through prolonged or repeated exposure. H410 Very toxic to aquatic life with long lasting effects.
Supplemental information	Contains: Aniline May produce an allergic reaction.
Precautionary statement:	"***" ***For consumer use only: P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P501 Dispose of contents/container in accordance with national regulation.***
Precautionary statement: Prevention	P273 Avoid release to the environment.
Precautionary statement: Response	P302+P352 IF ON SKIN: Wash with plenty of soap and water. P337+P313 If eye irritation persists: Get medical advice/attention.

2.3. Other hazards

None if used properly. Not fulfilling Persistent, Bioaccumulative and Toxic (PBT), very Persistent and very Bioaccumulative (vPvB) criteria.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General chemical description: Primer

Hazardous components	EC Number	content	Classification
CAS-No.	REACH-Reg No.	content	Classification
Diethyl-phenyl-propyl-dihydropyridine	252-091-3	50- 100 %	Aquatic Acute 1
34562-31-7	01-2120769712-47	50- 100 /0	H400
51502 51 7	01 2120709712 17		Acute Tox. 4; Oral
			H302
			Skin Irrit. 2; Dermal
			H315
			Eye Irrit. 2
			H319
			Aquatic Chronic 1
			H410
			M factor (Acute Aquat Tox): 10 M factor
			(Chron Aquat Tox): 10
N-Butylaniline	214-425-6	1-< 5%	Acute Tox. 4; Oral
1126-78-9			H302
			Skin Irrit. 2
			H315
			Eye Irrit. 2
			H319
			STOT SE 1
			H370
			STOT RE 1
			H372
			STOT SE 3
			H335
Aniline	200-539-3	0,1-<1%	Aquatic Chronic 1
62-53-3			H410
			Acute Tox. 3; Oral
			H301
			Acute Tox. 3; Dermal
			H311
			Skin Sens. 1
			H317
			Eye Dam. 1
			H318 Acute Tox. 3; Inhalation
			H331
			H351 Muta. 2
			H341
			Carc. 2
			H351
			STOT RE 1
			H372
			Aquatic Acute 1
			H400
			11100

Declaration of the ingredients according to CLP (EC) No 1272/2008:

For full text of the H - statements and other abbreviations see section 16 "Other information". Substances without classification may have community workplace exposure limits available.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: Move to fresh air. If symptoms persist, seek medical advice.

Skin contact: Rinse with running water and soap. Obtain medical attention if irritation persists.

Eye contact:

Rinse immediately with plenty of running water (for 10 minutes), seek medical attention from a specialist.

Ingestion: Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting. Seek medical advice. **4.2. Most important symptoms and effects, both acute and delayed** SKIN: Redness, inflammation.

INGESTION: Nausea, vomiting, diarrhea, abdominal pain.

EYE: Irritation, conjunctivitis.

4.3. Indication of any immediate medical attention and special treatment needed See section: Description of first aid measures

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Carbon dioxide, foam, powder

5.2. Special hazards arising from the substance or mixture

In the event of a fire, carbon monoxide (CO), carbon dioxide (CO2) and nitrogen oxides (NOx) can be released.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Additional information:

In case of fire, keep containers cool with water spray.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation. Wear protective equipment. Avoid contact with skin and eyes.

6.2. Environmental precautions

Do not empty into drains / surface water / ground water.

6.3. Methods and material for containment and cleaning up

For small spills wipe up with paper towel and place in container for disposal. For large spills absorb onto inert absorbent material and place in sealed container for disposal. Dispose of contaminated material as waste according to Section 13.

6.4. Reference to other sections

See advice in section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Use only in well-ventilated areas. Avoid skin and eye contact. Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation. Ventilation will remove any ozone that may be produced by the ultra violet lamp See advice in section 8

Hygiene measures:

Wash hands before work breaks and after finishing work. Do not eat, drink or smoke while working. Good industrial hygiene practices should be observed.

7.2. Conditions for safe storage, including any incompatibilities

Ensure good ventilation/extraction. Store in a cool, well-ventilated place. Refer to Technical Data Sheet

7.3. Specific end use(s)

activator

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational Exposure Limits

Valid for

Great Britain

Ingredient [Regulated substance]	ppm	mg/m ³	Value type	Short term exposure limit category / Remarks	Regulatory list
Aniline 62-53-3 [ANILINE]	1	4	Time Weighted Average (TWA):		EH40 WEL
Aniline 62-53-3 [ANILINE]			Skin designation:	Can be absorbed through the skin.	EH40 WEL
Aniline 62-53-3 [ANILINE]	2	7,74	Time Weighted Average (TWA):	Indicative	ECTLV
Aniline 62-53-3 [ANILINE]	5	19,35	Short Term Exposure Limit (STEL):	Indicative	ECTLV
Aniline 62-53-3 [ANILINE]			Skin designation:	Can be absorbed through the skin.	ECTLV

Occupational Exposure Limits

Valid for Ireland

Ingredient [Regulated substance] mg/m³ Value type Short term exposure limit **Regulatory list** ppm category / Remarks Aniline Time Weighted Average IR_OEL 1 3,8 62-53-3 (TWA): [ANILINE] Aniline Skin designation: Can be absorbed through the IR_OEL 62-53-3 skin. [ANILINE] 7,74 Aniline 2 Time Weighted Average Indicative ECTLV 62-53-3 (TWA): [ANILINE] Aniline 5 19,35 Short Term Exposure Indicative ECTLV Limit (STEL): 62-53-3 [ANILINE] Aniline Skin designation: Can be absorbed through the ECTLV 62-53-3 skin. [ANILINE]

Biological Exposure Indices:

None

8.2. Exposure controls:

Engineering controls: Ensure good ventilation/extraction.

Respiratory protection: Ensure adequate ventilation. An approved mask or respirator fitted with an organic vapour cartridge should be worn if the product is used in a poorly ventilated area Filter type: A (EN 14387)

Hand protection:

Chemical-resistant protective gloves (EN 374).

Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374):

nitrile rubber (NBR; >= 0.4 mm thickness)

Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374):

nitrile rubber (NBR; >= 0.4 mm thickness)

This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection:

Safety glasses with sideshields or chemical safety goggles should be worn if there is a risk of splashing. Protective eye equipment should conform to EN166.

Skin protection:

Wear suitable protective clothing. Protective clothing should conform to EN 14605 for liquid splashes or to EN 13982 for dusts.

Advices to personal protection equipment:

The information provided on personal protective equipment is for guidance purposes only. A full risk assessment should be conducted prior to using this product to determine the appropriate personal protective equipment to suit local conditions. Personal protective equipment should conform to the relevant EN standard.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	liquid
	yellow
Odor	characteristic
Odour threshold	No data available / Not applicable
рН	Mixture is non-polar/aprotic.
Melting point	No data available / Not applicable
Solidification temperature	No data available / Not applicable
Initial boiling point	Not applicable
Flash point	> 93 °C (> 199.4 °F)
Evaporation rate	No data available / Not applicable
Flammability	No data available / Not applicable
Explosive limits	No data available / Not applicable
Vapour pressure	Not applicable
Relative vapour density:	No data available / Not applicable
Density	0,965 g/cm3
0	
Bulk density	No data available / Not applicable
Solubility	No data available / Not applicable
Solubility (qualitative) (Solvent: Water)	Not miscible
Solubility (qualitative)	Not determined
(Solvent: Acetone)	
Partition coefficient: n-octanol/water	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Decomposition temperature	No data available / Not applicable
Viscosity	No data available / Not applicable
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Oxidising properties	No data available / Not applicable

9.2. Other information

No data available / Not applicable

SECTION 10: Stability and reactivity

10.1. Reactivity

Reaction with strong bases Reaction with strong acids.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

Stable under normal conditions of storage and use.

10.5. Incompatible materials

See section reactivity.

10.6. Hazardous decomposition products

None if used for intended purpose.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Species	Method
Diethyl-phenyl-propyl- dihydropyridine 34562-31-7	LD50	> 500 mg/kg	rat	other guideline:
Diethyl-phenyl-propyl- dihydropyridine 34562-31-7	Acute toxicity estimate (ATE)	501 mg/kg		Expert judgement
N-Butylaniline 1126-78-9	LD50	1.620 mg/kg	rat	not specified
Aniline 62-53-3	LD50	442 mg/kg	rat	not specified
Aniline 62-53-3	Acute toxicity estimate (ATE)	100 mg/kg		Expert judgement

Acute dermal toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances	Value	Value	Species	Method
CAS-No.	type			
Diethyl-phenyl-propyl-	LD50	> 1.000 mg/kg	rabbit	other guideline:
dihydropyridine				
34562-31-7				
Aniline	LD50	836 mg/kg	rabbit	not specified
62-53-3				-

Acute inhalative toxicity:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Test atmosphere	Exposure time	Species	Method
Aniline 62-53-3	LC50	3,27 mg/l	vapour	4 h	rat	not specified

Skin corrosion/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Diethyl-phenyl-propyl- dihydropyridine 34562-31-7	irritating	4 h	rabbit	EPA OTS 798.4470 (Acute Dermal Irritation)
Diethyl-phenyl-propyl- dihydropyridine 34562-31-7	not corrosive		Corrositex Biobarrier Membrane (reconstituted collagen matrix)	OECD Guideline 435 (In Vitro Membrane Barrier Test Method for Skin Corrosion)
Aniline 62-53-3	slightly irritating	20 h	rabbit	not specified

Serious eye damage/irritation:

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Exposure time	Species	Method
Diethyl-phenyl-propyl- dihydropyridine 34562-31-7	irritating		rabbit	EPA OTS 798.4500 (Acute Eye Irritation)
Aniline 62-53-3	irritating		rabbit	not specified

Respiratory or skin sensitization:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances	Result	Test type	Species	Method
CAS-No.				
Aniline	sensitising	Mouse local lymphnode	mouse	equivalent or similar to OECD Guideline
62-53-3	-	assay (LLNA)		429 (Skin Sensitisation: Local Lymph
		-		Node Assay)
Aniline	sensitising	Guinea pig maximisation	guinea pig	equivalent or similar to OECD Guideline
62-53-3	_	test		406 (Skin Sensitisation)

Germ cell mutagenicity:

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result	Type of study / Route of administration	Metabolic activation / Exposure time	Species	Method
Aniline 62-53-3	negative	bacterial reverse mutation assay (e.g Ames test)	with and without		OECD Guideline 471 (Bacterial Reverse Mutation Assay)
Aniline 62-53-3	positive	in vitro mammalian chromosome aberration test	with and without		OECD Guideline 473 (In vitro Mammalian Chromosome Aberration Test)
Aniline 62-53-3	positive	mammalian cell gene mutation assay	with and without		equivalent or similar to OECD Guideline 476 (In vitro Mammalian Cell Gene Mutation Test)
Aniline 62-53-3	positive	oral: gavage		rat	OECD Guideline 474 (Mammalian Erythrocyte Micronucleus Test)
Aniline 62-53-3	positive	intraperitoneal		mouse	OECD Guideline 475 (Mammalian Bone Marrow Chromosome Aberration Test)
Aniline 62-53-3	negative	intraperitoneal		rat	OECD Guideline 478 (Genetic Toxicology: Rodent Dominant Lethal Test)

Carcinogenicity

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous components CAS-No.	Result	Route of application	Exposure time / Frequency of treatment	Species	Sex	Method
Aniline 62-53-3	carcinogenic	oral: feed	104 w daily	rat	male/female	equivalent or similar OECD Guideline 453 (Combined Chronic Toxicity / Carcinogenicity Studies)

Reproductive toxicity:

No data available.

STOT-single exposure:

No data available.

STOT-repeated exposure::

The mixture is classified based on threshold limits referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Result / Value	Route of application	Exposure time / Frequency of	Species	Method
			treatment		
Aniline 62-53-3	LOAEL 4 mg/kg	oral: feed	28 d daily	rat	equivalent or similar to OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity in Rodents)
Aniline 62-53-3	NOAEL 9.2 mg/m3	inhalation: vapour	2 w 6 h/d 5 d/w	rat	OECD Guideline 412 (Repeated Dose Inhalation Toxicity: 28/14-Day)

Aspiration hazard:

No data available.

SECTION 12: Ecological information

General ecological information:

Do not empty into drains / surface water / ground water.

12.1. Toxicity

Toxicity (Fish):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances	Value	Value	Exposure time	Species	Method
CAS-No.	type				
Aniline 62-53-3	LC50	10,6 mg/l	96 h	Oncorhynchus mykiss	other guideline:
Aniline 62-53-3	NOEC	0,39 mg/l	32 d	Pimephales promelas	other guideline:

Toxicity (Daphnia):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value	Value	Exposure time	Species	Method
	type EC50	0.022 mg/l	48 h	Donhnia magna	OECD Guideline 202
Diethyl-phenyl-propyl-	EC30	0,023 mg/l	40 11	Daphnia magna	
dihydropyridine					(Daphnia sp. Acute
34562-31-7	5950	0.1.6	40.1	n 1 ·	Immobilisation Test)
Aniline	EC50	0,16 mg/l	48 h	Daphnia magna	EPA OTS 797.1300
62-53-3					(Aquatic Invertebrate Acute
					Toxicity Test, Freshwater
					Daphnids)

Chronic toxicity to aquatic invertebrates

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Aniline 62-53-3	NOEC	0,004 mg/l	21 d	Daphnia magna	other guideline:

Toxicity (Algae):

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances	Value	Value	Exposure time	Species	Method
CAS-No.	type				
Diethyl-phenyl-propyl- dihydropyridine 34562-31-7	EC50	0,0431 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Diethyl-phenyl-propyl- dihydropyridine 34562-31-7	NOEC	0,017 mg/l	72 h	Pseudokirchneriella subcapitata	OECD Guideline 201 (Alga, Growth Inhibition Test)
Aniline 62-53-3	EC50	175 mg/l	72 h	Chlorella pyrenoidosa	OECD Guideline 201 (Alga, Growth Inhibition Test)
Aniline 62-53-3	NOEC	90 mg/l	72 h	Chlorella pyrenoidosa	OECD Guideline 201 (Alga, Growth Inhibition Test)

Toxicity to microorganisms

The mixture is classified based on calculation method referring to the classified substances present in the mixture.

Hazardous substances CAS-No.	Value type	Value	Exposure time	Species	Method
Aniline 62-53-3	EC50	7 mg/l	2 h	activated sludge, industrial	ISO DIS 9509 (Assessing the Inhibition of Nitrification of Activated Sludge Microorganisms by Chemicals and Waste Waters)
Aniline 62-53-3	NOEC	2 mg/l	2 h	activated sludge, industrial	ISO DIS 9509 (Assessing the Inhibition of Nitrification of Activated Sludge Microorganisms by Chemicals and Waste Waters)

12.2. Persistence and degradability

Hazardous substances	Result	Test type	Degradability	Exposure	Method
CAS-No.				time	
Diethyl-phenyl-propyl-	not readily biodegradable.	aerobic	> 0 - < 60 %	28 d	OECD 301 A - F
dihydropyridine					
34562-31-7					
Aniline	inherently biodegradable	aerobic	> 90 %	4 d	OECD Guideline 302 B (Inherent
62-53-3					biodegradability: Zahn-
					Wellens/EMPA Test)
Aniline	readily biodegradable	aerobic	90 %	30 d	OECD Guideline 301 D (Ready
62-53-3					Biodegradability: Closed Bottle
					Test)

12.3. Bioaccumulative potential

Hazardous substances CAS-No.	Bioconcentratio n factor (BCF)	Exposure time	Temperature	Species	Method
Aniline 62-53-3	2,6			Danio rerio	other guideline:

12.4. Mobility in soil

Hazardous substances CAS-No.	LogPow	Temperature	Method
Diethyl-phenyl-propyl- dihydropyridine 34562-31-7	6,578		QSAR (Quantitative Structure Activity Relationship)
Aniline 62-53-3	0,91	25 °C	EU Method A.8 (Partition Coefficient)

12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or vPvB.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal: Dispose of in accordance with local and national regulations. Do not empty into drains / surface water / ground water.

Disposal of uncleaned packages:

After use, tubes, cartons and bottles containing residual product should be disposed of as chemically contaminated waste in an authorised legal land fill site or incinerated.

Waste code

08 04 09* waste adhesives and sealants containing organic solvents and other dangerous substances

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.

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SECTION 14: Transport information

14.1.	UN number	r
		3082
	ADR	
	RID	3082
	ADN	3082
	IMDG	3082
	IATA	3082
14.2.	UN proper	shipping name
	ADR	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (3,5- Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine)
	RID	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (3,5- Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine)
	ADN	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (3,5- Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine)
	IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (3,5- Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine)
	IATA	Environmentally hazardous substance, liquid, n.o.s. (3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine)
14.3.	Transport l	hazard class(es)
	ADR	9
	RID	9
	ADN IMDG	9 9
	IATA	9
	IATA	9
14.4.	Packing gro	oup
	ADR	III
	RID	III
	ADN	III
	IMDG	III
	IATA	III
14.5.	Environme	ntal hazards
	ADR	not applicable
	RID	not applicable
	ADN	not applicable
	IMDG	Marine pollutant
	IATA	not applicable
14.6.	Special pre	cautions for user
	ADR	not applicable Tunnelcode:
	RID	not applicable
	ADN	
	ADN IMDG	not applicable
	IMDG IATA	not applicable not applicable
	The transpo	rt classifications in this section apply generally to packed and bulk goods alike. For
		vith a net volume of no more than 5 L for liquid substances or a net mass of no more than 5
		substances per individual or inner package, the exemptions SP 375 (ADR), A197 (IATA),
		IDG) may be applied, which can result in a deviation from the transport classification for
147	T	in hull according to Annoy II of Mornal and the IDC Code

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

not applicable

SECTION 15: Regulatory information

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

Ozone Depleting Substance (ODS) (Regulation (EC) No 1005/2009): Prior Informed Consent (PIC) (Regulation (EU) No 649/2012): Persistent organic pollutants (Regulation (EU) 2019/1021): Not applicable Not applicable Not applicable

EU. REACH, Annex XVII, Marketing and Use Restrictions (Regulation 1907/2006/EC): Not applicable

VOC content (2010/75/EC) < 3 %

15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

SECTION 16: Other information

The labelling of the product is indicated in Section 2. The full text

of all abbreviations indicated by codes in this safety data sheet are as follows:

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H331 Toxic if inhaled.

H335 May cause respiratory irritation.

H341 Suspected of causing genetic defects.

H351 Suspected of causing cancer.

H370 Causes damage to organs.

H372 Causes damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Further information:

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