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

1.1 Product identifier

Trade name

: SikaCor[®] HM Primer Plus Part B

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

Product use : Corrosion protection, For professional users only.

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Schweiz AG
		Tüffenwies 16
		8048 Zürich
Telephone	:	+41 58 436 40 40
Telefax	:	-
E-mail address of person	:	EHS@ch.sika.com
responsible for the SDS		

1.4 Emergency telephone number

Tox Info Suisse CH-8028 Zurich +41(0)44 251 51 51 / Speed calling: 145

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Flammable liquids, Category 3	H226: Flammable liquid and vapour.
Skin irritation, Category 2	H315: Causes skin irritation.
Serious eye damage, Category 1	H318: Causes serious eye damage.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Specific target organ toxicity - single ex- posure, Category 3, Respiratory system	H335: May cause respiratory irritation.
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through pro- longed or repeated exposure if inhaled.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)



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Hazard pictograms	:		
Signal word	:	Danger	
Hazard statements	:	H226 H315 H317 H318 H335 H373	Flammable liquid and vapour. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation. May cause damage to organs through pro- longed or repeated exposure if inhaled.
Precautionary statements	:	Prevention:	
		P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
		P260	Do not breathe mist or vapours.
		P264 P280	Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection.
		Response:	
		P305 + P351 +	P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove con- tact lenses, if present and easy to do. Con- tinue rinsing. Immediately call a POISON CENTER/ doctor.
		P370 + P378	In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Hazardous components which must be listed on the label:

Cashew, nutshell liq. xylene Amines, polyethylenepoly-, triethylenetetramine fraction

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Fatty acids, tall-oil, dimers, poly- mers with tall-oil fatty acids and triethylenetetramine	68915-18-4 Not Assigned	Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 40 - < 60
Cashew, nutshell liq.	8007-24-7 700-991-6 01-2119502450-57- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1A; H317	>= 20 - < 25
xylene Contains: ethylbenzene <= 25 %	1330-20-7 215-535-7 01-2119488216-32- XXXX	Flam. Liq. 3; H226 Acute Tox. 4; H332 Acute Tox. 4; H312 Skin Irrit. 2; H315 Eye Irrit. 2; H319 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 Asp. Tox. 1; H304 Aquatic Chronic 3; H412	>= 10 - < 20
3-(trimethoxysilyl)propylamine	13822-56-5 237-511-5 01-2119510159-45- XXXX	Skin Irrit. 2; H315 Eye Dam. 1; H318	>= 5 - < 10
2,4,6- tris(dimethylaminomethyl)phenol Contains: bis[(dimethylamino)methyl]phenol <= 15 %	90-72-2 202-013-9 01-2119560597-27- XXXX	Acute Tox. 4; H302 Skin Corr. 1C; H314 Eye Dam. 1; H318	>= 1 - < 2,5
2-methylpropan-1-ol	78-83-1 201-148-0 01-2119484609-23- XXXX	Flam. Liq. 3; H226 Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H336 (Central nervous system) STOT SE 3; H335 (Respiratory system)	>= 1 - < 2,5

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Amines, polyethylenepoly-, tri- ethylenetetramine fraction Contains: 2-(2-aminoethylamino)ethanol <= 0,3 %	90640-67-8 292-588-2 01-2119487919-13- XXXX	Acute Tox. 4; H302 Acute Tox. 4; H312 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Chronic 3; H412 EUH071	>= 0,25 - < 1
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For explanation of abbreviations see section 16.

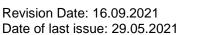
SECTION 4: First aid measures

4.1 Description of first aid measures

4.1 Description of mist and measure	
General advice	: Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
If inhaled	: Move to fresh air. Consult a physician after significant exposure.
In case of skin contact	 Take off contaminated clothing and shoes immediately. Wash off with soap and plenty of water. If symptoms persist, call a physician.
In case of eye contact	 Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Keep eye wide open while rinsing.
If swallowed	 Do not induce vomiting without medical advice. Rinse mouth with water. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person.
4.2 Most important symptoms ar	nd effects, both acute and delayed
Symptoms	: Cough Respiratory disorder Allergic reactions Excessive lachrymation Erythema Dermatitis See Section 11 for more detailed information on health effects and symptoms.
Risks	: irritant effects sensitising effects

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Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure if inhaled.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media Suitable extinguishing media Alcohol-resistant foam 1 Carbon dioxide (CO2) Dry chemical Unsuitable extinguishing Water media High volume water jet 5.2 Special hazards arising from the substance or mixture Specific hazards during fire-Do not use a solid water stream as it may scatter and spread fighting fire. Hazardous combustion prod- : No hazardous combustion products are known ucts 5.3 Advice for firefighters Special protective equipment : In the event of fire, wear self-contained breathing apparatus. for firefighters Further information Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	 Use personal protective equipment. Remove all sources of ignition. Deny access to unprotected persons. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas.

6.2 Environmental precautions

Environmental precautions	:	Prevent product from entering drains.
		If the product contaminates rivers and lakes or drains inform
		respective authorities.



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6.3 Methods and material for containment and cleaning up

Methods for cleaning up

: Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

	Advice on safe handling :	 Avoid exceeding the given occupational exposure limits (see section 8). Do not get in eyes, on skin, or on clothing. For personal protection see section 8. Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharge. Open drum carefully as content may be under pressure. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Follow standard hygiene measures when handling chemical products
	Advice on protection against : fire and explosion	Use explosion-proof equipment. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges.
	Hygiene measures :	Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.
7.2	Conditions for safe storage, inc	luding any incompatibilities
	Requirements for storage : areas and containers	Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully re- sealed and kept upright to prevent leakage. Store in accord- ance with local regulations.
	Further information on stor- : age stability	No decomposition if stored and applied as directed.
7.3	Specific end use(s)	
	Specific use(s) :	Consult most current local Product Data Sheet prior to any

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use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form	Control parame-	Basis *			
		of exposure)	ters *				
xylene	1330-20-7	TWA	50 ppm	2000/39/EC			
			221 mg/m3				
	Further infor	Further information: Identifies the possibility of significant uptake					
	through the s	through the skin, Indicative					
		STEL	100 ppm	2000/39/EC			
			442 mg/m3				
		TWA	100 ppm	CH SUVA			
			435 mg/m3				
	Further infor	mation: Toxic by skin	resorption possib	le; Substanc-			
	es, which are easily absored through the skin, can give by addi-						
	tional skin resoption a substancial higher risk compared to only						
	inhalation by	inhalation by the airways., National Institute for Occupational					
	Safety and Health, Institut National de Recherche et de Sécurité						
	pour la prévention des accidents du travail et des maladies pro-						
	fessionnelles						
		STEL	200 ppm	CH SUVA			
			870 mg/m3				
2-methylpropan-1-ol	78-83-1	STEL	50 ppm	CH SUVA			
			150 mg/m3				
	Further information: National Institute for Occupational Safety and						
	Health, Instit	Health, Institut National de Recherche et de Sécurité pour la pré-					
	vention des accidents du travail et des maladies professionnelles,						
	Harm to the unborn child is not to be expected when the OEL-						
	value is resp		•				
		TWA	50 ppm	CH SUVA			
			150 mg/m3				

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

Occupational exposure limits of decomposition products

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
methanol	67-56-1	TWA	200 ppm 260 mg/m3	2006/15/EC
		nation: Indicative, Ide hrough the skin	entifies the possib	ility of signifi-
		TWA	200 ppm 260 mg/m3	CH SUVA
	Further information: Toxic by skin resorption possible; S es, which are easily absored through the skin, can give tional skin resoption a substancial higher risk compared inhalation by the airways., National Institute for Occupa Safety and Health, Institut National de Recherche et de pour la prévention des accidents du travail et des mala			



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fessionnelles, Harm to the unborn child is not to be expected when the OEL-value is respected			
STEL	400 ppm 520 mg/m3	CH SUVA	

*The above mentioned values are in accordance with the legislation in effect at the date of the release of this safety data sheet.

Biological occupational exposure limits

Substance name	CAS-No.	Control parame- ters	Sampling time	Basis
xylene	1330-20-7	methyl hippuric acids: 2 g/l (Urine)	Immediately after exposure or after working hours	CH BAT

8.2 Exposure controls

Engineering measures

Maintain air concentrations below occupational exposure standards. Ensure adequate ventilation, especially in confined areas.

Personal protective equipme	ent	
Eye protection	:	Safety glasses with side-shields conforming to EN166 Eye wash bottle with pure water
Hand protection	:	Chemical-resistant, impervious gloves complying with an ap- proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu- facturer specifications.
		Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed. Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.
Skin and body protection	:	Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionaly recommended for mixing and stirring work.
Respiratory protection	:	In case of inadequate ventilation wear respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe work- ing limits of the selected respirator. organic vapor (Type A) and particulate filter A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm P1: Inert material; P2, P3: hazardous substances Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Meth- ods for determining inhalation exposure). This applies in par- ticular to the mixing / stirring area. In case this is not sufficent to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.

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Environmental exposure cor General advice	 trols Prevent product from entering drains. If the product contaminates rivers and lakes or drains inform respective authorities.
SECTION 9: Physical and che	nical properties
9.1 Information on basic physica	and chemical properties
Physical state Colour	: liquid : transparent
Odour	: slight
Boiling point/boiling range	: No data available
Upper/lower flammability or	explosive limits
Upper explosion limit / Up- per flammability limit	: 7 %(V)
Lower explosion limit / Lower flammability limit	: 1 %(V)
Flash point	: ca. 48 °C Method: closed cup
Auto-ignition temperature	: 415 °C
рН	: Not applicable substance/mixture is non-soluble (in water)
Viscosity	
Viscosity, dynamic	: ca. 500 mPa.s (20 °C)
Viscosity, kinematic	: > 20,5 mm2/s (40 °C)
Solubility(ies)	
Water solubility	: insoluble
Vapour pressure	: 7,9993 hPa
Density	: ca. 0,95 g/cm3 (20 °C)

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9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

The product is chemically stable.

10.3 Possibility of hazardous reactions

	Hazardous reactions	:	Stable under recommended storage conditions.
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Vapours may form explosive mixture with air.

10.4 Conditions to avoid

Conditions to avoid : Heat, flames and sparks.

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

Hazardous decomposition : methanol products

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity Not classified based on available information.							
Components:	Components:						
Cashew, nutshell liq.: Acute oral toxicity	:	LD50 Oral (Rat): 500 mg/kg					
Acute dermal toxicity	:	LD50 Dermal (Rat): 2.000 mg/kg					
xylene: Acute oral toxicity	:	LD50 Oral (Rat): 3.523 mg/kg					
Acute dermal toxicity	:	LD50 Dermal (Rabbit): 1.700 mg/kg					
Country CH 10000009214							

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2,4,6-tris(dimethylaminomethyl)phenol:

Acute oral toxicity	 LD50 (Rat): > 1.999 mg/kg Remarks: Harmful if swallowed. Annex VI - Harmonised REGULATION (EC) No 1272/2008 	
Amines, polyethylenepoly-	, triethylenetetramine fraction:	
Acute oral toxicity	: LD50 Oral (Rat): 1.716 mg/kg	
Acute inhalation toxicity	: Assessment: Corrosive to the respiratory tract	
Acute dermal toxicity	: LD50 Dermal (Rabbit): 1.465 mg/kg	
Skin corrosion/irritation		
Causes skin irritation.		
Components:		
2,4,6-tris(dimethylaminom	ethyl)phenol:	
	ethyl)phenol: : Rabbit	
2,4,6-tris(dimethylaminom Species Assessment	: Rabbit : Corrosive	
2,4,6-tris(dimethylaminom Species	: Rabbit	
2,4,6-tris(dimethylaminom Species Assessment	: Rabbit : Corrosive	
2,4,6-tris(dimethylaminom Species Assessment Method	 Rabbit Corrosive OECD Test Guideline 404 	

Serious eye damage/eye irritation

Causes serious eye damage.

Components:

2,4,6-tris(dimethylaminomethyl)phenol:

Species Assessment	:	Rabbit Causes serious eye damage.
Assessment Remarks	:	irritating Annex VI - Harmonised REGULATION (EC) No 1272/2008

Respiratory or skin sensitisation

Skin sensitisation

May cause an allergic skin reaction.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

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Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

May cause respiratory irritation.

STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure if inhaled.

Aspiration toxicity

Not classified based on available information.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 12: Ecological information

12.1 Toxicity

Components:

xylene:		
Toxicity to algae/aquatic plants	:	EC50 (Pseudokirchneriella subcapitata (green algae)): 2,2 mg/l Exposure time: 72 h Method: OECD Test Guideline 201
Toxicity to fish (Chronic tox- icity)	:	NOEC: > 1,3 mg/l Exposure time: 56 d Species: Oncorhynchus mykiss (rainbow trout)
Toxicity to daphnia and other aquatic invertebrates (Chron- ic toxicity)	:	NOEC: 1,17 mg/l Exposure time: 7 d Species: Daphnia (water flea)

2,4,6-tris(dimethylaminomethyl)phenol:

Toxicity to algae/aquatic plants	:	EC50 (Scenedesmus capricornutum (fresh water algae)): > 10 - 100 mg/l
piants		
		Exposure time: 72 h

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12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment

: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Endocrine disrupting properties

Product:		
Assessment	: The substance/mixture does not contain components consid- ered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.	
12.7 Other adverse effects		
Product:		
Additional ecological infor- mation	: There is no data available for this product.	

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	 The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Waste code Switzerland VeVA/LVA	: 08 01 11: -

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Contaminated packaging : 15 01 10 [S] packaging containing residues of or contaminated by dangerous substances

SECTION 14: Transport information

14.1 UN number

ADR	:	UN 1263
IMDG	:	UN 1263
ΙΑΤΑ	:	UN 1263
14.2 UN proper shipping name		
ADR	:	PAINT
IMDG	:	PAINT
ΙΑΤΑ	:	Paint
14.3 Transport hazard class(es)		
ADR	:	3
IMDG	:	3
ΙΑΤΑ	:	3
14.4 Packing group		
ADR		
Packing group	:	III
Classification Code	•	F1
Hazard Identification Number		30
Labels	:	3
Tunnel restriction code	÷	(D/E)
IMDG		
Packing group	:	III
Labels	:	3
EmS Code	:	Б-Е, <u>S-Е</u>
	•	Г <u>С, С</u>
IATA (Cargo) Packing instruction (cargo	:	366
aircraft)		
Packing instruction (LQ)	:	Y344
Packing group	:	III
Labels	:	Flammable Liquids
IATA (Passenger)		
Packing instruction (passen-	:	355
ger aircraft)		
Packing instruction (LQ)	:	Y344
Packing group	:	III
Labels	:	Flammable Liquids
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ADR Environmentally hazardous : no IMDG Marine pollutant 1 no IATA (Passenger) Environmentally hazardous : no IATA (Cargo) Environmentally hazardous no 5

14.6 Special precautions for user

The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

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

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

 REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)		:	Conditions of restriction for the fol- lowing entries should be considered: Number on list 3
nternational Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors			Not applicable
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).			None of the components are listed (=> 0.1 %).
REACH - List of substances subject to authorisation (Annex XIV)		:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer		:	Not applicable
Regulation (EU) 2019/1021 on persistent organic pollutants (recast)			Not applicable
PIC Ordinance, ChemPICO (814.82)		:	Not applicable
REACH Information: - registered by our ups - registered by us, and - excluded from the re - exempted from the re		trea ⁄or jula	im suppliers, and/or tion, and/or



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Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of ma- jor-accident hazards involving dangerous substances. P5c FLAMMABLE LIQUIDS		
	:	WGK 2 obviously hazardous to water Classification according to AwSV, Annex 1 (5.2)
Volatile organic compounds	:	Law on the incentive tax for volatile organic compounds (VOCV) Volatile organic compounds (VOC) content: 20,19% w/w
		Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 20,19% w/w

Other regulations:

Take note of Directive 92/85/EEC regarding maternity protection or stricter national regulations, where applicable.

Article 13 Maternity ordinance (SR 822.111.52): Expectant and nursing mothers are only permitted to come into contact with this product during the course of their work if, based on a risk assessment carried out in accordance with Article 63 of Ordinance 1 on the Employment Act (ArGV 1) (SR 822.111), the chemicals in question have been found not to cause any specific harm to mothers or children or if such harm can be ruled out by taking appropriate protective measures.

Young people undergoing basic vocational training may only work with this product if the relevant training ordinance makes provision for them to do so with a view to enabling them to achieve their training objectives and if the preconditions for the training plan have been met and the applicable age restrictions have been complied with. Young people who are not completing any basic vocational training are not permitted to work with this product. Employees of either sex who are under 18 years old are classed as young people.

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this mixture by the supplier.

SECTION 16: Other information

Full text of H-Statements

H226 :	Flammable liquid and vapour.
H302 :	Harmful if swallowed.
H304 :	May be fatal if swallowed and enters airways.
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.
H335 :	May cause respiratory irritation.

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H336	: May cause drowsiness or dizziness	
H373	: May cause damage to organs throu	
1676	exposure if inhaled.	igh protonged of repeated
H412		ting offecto
H412	: Harmful to aquatic life with long last	ling enecis.
Full text of other abbreviati	ons	
Acute Tox.	· Acuto toxicity	
	: Acute toxicity	
Aquatic Chronic	: Long-term (chronic) aquatic hazard	
Asp. Tox.	: Aspiration hazard	
Eye Dam.	: Serious eye damage	
Eye Irrit.	: Eye irritation	
Flam. Liq.	: Flammable liquids	
Skin Corr.	: Skin corrosion	
Skin Irrit.	: Skin irritation	
Skin Sens.	: Skin sensitisation	
STOT RE	: Specific target organ toxicity - repea	ated exposure
STOT SE	: Specific target organ toxicity - single	
2000/39/EC	: Europe. Commission Directive 2000	
2000/00/20	list of indicative occupational expos	
2006/15/EC	: Europe. Indicative occupational expos	
CH BAT	: Switzerland. List of BAT-values	
CH SUVA	: Switzerland. Limit values at the wor	к ріасе
2000/39/EC / TWA	: Limit Value - eight hours	
2000/39/EC / STEL	: Short term exposure limit	
2006/15/EC / TWA	: Limit Value - eight hours	
CH SUVA / TWA	: Time Weighted Average	
CH SUVA / STEL	: Short Term Exposure Limit	
ADR	: European Agreement concerning th	ne International Carriage of
	Dangerous Goods by Road	C C
CAS	: Chemical Abstracts Service	
DNEL	: Derived no-effect level	
EC50	: Half maximal effective concentration	n
GHS	: Globally Harmonized System	
IATA		ion
	: International Air Transport Associat	
IMDG	: International Maritime Code for Dar	
LD50	: Median lethal dosis (the amount of	
	once, which causes the death of 50	1% (one half) of a group of
	test animals)	
LC50	: Median lethal concentration (conce	
	air that kills 50% of the test animals	s during the observation
	period)	
MARPOL	: International Convention for the Pre	evention of Pollution from
	Ships, 1973 as modified by the Pro	tocol of 1978
OEL	: Occupational Exposure Limit	
PBT	: Persistent, bioaccumulative and tox	kin (
PNEC	: Predicted no effect concentration	
REACH	: Regulation (EC) No 1907/2006 of th	na European Parliament
NEAGH		
	and of the Council of 18 December	
	istration, Evaluation, Authorisation	
0) // 10	cals (REACH), establishing a Europ	bean Chemicals Agency
SVHC	: Substances of Very High Concern	
vPvB	: Very persistent and very bioaccum	ulative

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Further information						
Classification of the	mixture:	Classification procedure:				
Flam. Liq. 3	H226	Based on product data or assessment				
Skin Irrit. 2	H315	Calculation method				
Eye Dam. 1	H318	Calculation method				
Skin Sens. 1	H317	Calculation method				
STOT SE 3	H335	Calculation method				
STOT RE 2	H373	Calculation method				

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version !

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