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

1.1 Product identifier

Trade name : SikaCor[®] EG-1 Plus Part A

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 Deutschland GmbH
		Kornwestheimer Str. 103-107
		D-70439 Stuttgart
Telephone	:	+49 711 8009 0
E-mail address of person	:	EHS@de.sika.com
responsible for the SDS		

1.4 Emergency telephone number

Emergency CONTACT (24-Hour-Number): GBK GmbH Global Regulatory Compliance +49(0)6132-84463

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.
Label elements	

Labelling (REGULATION (EC) No 1272/2008)

2.2



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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 dust/ fume/ gas/ mist/ va- pours/ spray.
		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 of alcohol-resistant foam to extinguish.

Hazardous components which must be listed on the label:

reaction product: bisphenol-A-(epichlorhydrin) and epoxy resin (number average molecular weight 700 - 1100) xylene 2-methylpropan-1-ol N,N'-ethane-1,2-diylbis(12-hydroxyoctadecan-1-amide)

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

Com	ponents

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
reaction product: bisphenol-A- (epichlorhydrin) and epoxy resin (number average molecular weight 700 - 1100)	25068-38-6 Not Assigned	Eye Irrit. 2; H319 Skin Irrit. 2; H315 Skin Sens. 1; H317	>= 10 - < 20
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
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)	>= 5 - < 10
N,N'-ethane-1,2-diylbis(12- hydroxyoctadecan-1-amide)	123-26-2 204-613-6 01-2119978265-26- XXXX	Skin Sens. 1B; H317 Aquatic Chronic 3; H412 specific concentration limit Skin Sens. 1B; H317 >= 10 %	>= 0,025 - < 0,25
Substances with a workplace expo	sure limit :		
aluminium powder (stabilised)	7429-90-5 231-072-3 01-2119529243-45- XXXX	Flam. Sol. 1; H228	>= 1 - < 2,5

For explanation of abbreviations see section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measu	ires
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 an	d 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
	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 n	nedical attention and special treatment needed
Treatment	: Treat symptomatically.

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SECTION 5: Firefighting measures

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protectiv	ve 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.
6.3 Methods and material for conta	ainment and cleaning up
Methods for cleaning up :	Contain spillage, and then collect with non-combustible ab- sorbent material, (e.g. sand, earth, diatomaceous earth, ver- miculite) 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.

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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 Use explosion-proof equipment. Keep away from heat/ sparks/ fire and explosion open flames/ hot surfaces. No smoking. Take precautionary measures against electrostatic discharges. Handle in accordance with good industrial hygiene and safety Hygiene measures 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, including any incompatibilities Requirements for storage Keep container tightly closed in a dry and well-ventilated areas and containers place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in accordance with local regulations. Storage class (TRGS 510) : 3, Flammable liquids Further information on stor-: No decomposition if stored and applied as directed. age stability

7.3 Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters *	Basis *
xylene	1330-20-7	TWA	50 ppm	2000/39/EC



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	ation: Identifies the	221 mg/m3		
	ation: identifies the		C (
through the sk		oossibility of significant uptake		
	through the skin, Indicative			
	STEL	100 ppm 442 mg/m3	2000/39/EC	
	AGW	100 ppm 440 mg/m3	DE TRGS 900	
Peak-limit: excursion factor (category): 2;(II)				
Further inform	ation: Skin absorpti	on		
78-83-1	AGW	100 ppm 310 mg/m3	DE TRGS 900	
Peak-limit: excursion factor (category): 1;(I)				
Further information: Senate commission for the review of com-				
pounds at the work place dangerous for the health (MAK-				
commission)., When there is compliance with the OEL and biolog-				
			unborn child	
7429-90-5	AGW (Inhalable fraction)	10 mg/m3	DE TRGS 900	
Peak-limit: exc	cursion factor (cated	ory): 2;(II)		
	AGW (Alveolate fraction)	1,25 mg/m3	DE TRGS 900	
Peak-limit: exc	cursion factor (cateo	jory): 2;(II)		
	Peak-limit: exc Further inform 78-83-1 Peak-limit: exc Further inform pounds at the commission)., ical tolerance 7429-90-5 Peak-limit: exc Peak-limit: exc	STEL AGW Peak-limit: excursion factor (categed Further information: Skin absorption) 78-83-1 AGW Peak-limit: excursion factor (categed Further information: Senate commission) Further information: Senate commission)., When there is commission)., When there is commiscal tolerance values, there is no response of the fraction of	STEL 100 ppm 442 mg/m3 AGW 100 ppm 440 mg/m3 Peak-limit: excursion factor (category): 2;(II) Further information: Skin absorption 78-83-1 AGW 78-83-1 AGW 100 ppm 310 mg/m3 Peak-limit: excursion factor (category): 1;(I) Further information: Senate commission for the revi pounds at the work place dangerous for the health (commission)., When there is compliance with the O ical tolerance values, there is no risk of harming the 7429-90-5 AGW (Inhalable fraction) 10 mg/m3 Peak-limit: excursion factor (category): 2;(II) AGW (Alveolate 1,25 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.

Biological occupational exposure limits

Substance name	CAS-No.	Control parame- ters	Sampling time	Basis
xylene	1330-20-7	xylene: 1,5 mg/l (Blood)	Immediately after exposure or after working hours	TRGS 903
		methylhippuric acid (all isomers): 2 g/l (Urine)	Immediately after exposure or after working hours	TRGS 903
aluminium powder (stabilised)	7429-90-5	Aluminium: 50 μg/g creatinine (Urine)	In case of long- term exposure: after more than one shift	TRGS 903

8.2 Exposure controls

Personal protective equipment

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 approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.
	Suitable for short time use or protection against splashes: Butyl rubber/nitrile rubber gloves (> 0,1 mm) Contaminated gloves should be removed.



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	Suitable for permanent exposure: Viton gloves (0.4 mm), breakthrough time >30 min.	
Skin and body protection	 Protective clothing (e.g. Safety sh long-sleeved working clothing, lor and protective boots are additiona and stirring work. 	ng trousers). Rubber aprons
Respiratory protection	 In case of inadequate ventilation of Respirator selection must be base exposure levels, the hazards of the ing limits of the selected respirato organic vapor (Type A) and partice A1: < 1000 ppm; A2: < 5000 ppm P1: Inert material; P2, P3: hazard Ensure adequate ventilation. This exhaust extraction or by general vo ods for determining inhalation exp ticular to the mixing / stirring area to keep the concentrations under limits then respiration protection r 	ed on known or anticipated he product and the safe work- or. culate filter ; A3: < 10000 ppm lous substances s can be achieved by local ventilation. (EN 689 - Meth- posure). This applies in par- i. In case this is not sufficent the occupational exposure

Environmental exposure controls

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

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

	-		
Evaporation rate	:	No data available	
Flash point	:	ca. 23 °C Method: closed cup	
Boiling point/boiling range	:	No data available	
Melting point/range / Freezing point	:	No data available	
рН	:	Not applicable substance/mixture is non-soluble (in water)	
Odour Threshold	:	No data available	
Odour	:	solvent-like	
Colour	:	various	
Physical state	:	liquid	
	Colour Odour Odour Threshold oH Melting point/range / Freezing point Boiling point/boiling range	Colour : Odour : Odour Threshold : Odour Threshold : OH : Melting point/range / Freezing : Boiling point/boiling range : Flash point :	Colour:variousOdour:solvent-likeOdour Threshold:No data availableoH:Not applicable substance/mixture is non-soluble (in water)Melting point/range / Freezing point:No data availableBoiling point/boiling range:No data availableFlash point:ca. 23 °C Method: closed cup

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Flammability (solid, gas)	:	No data available
Upper explosion limit / Upper flammability limit	:	6,2 %(V)
Lower explosion limit / Lower flammability limit	:	1 %(V)
Vapour pressure	:	11,9999 hPa
Relative vapour density	:	No data available
Density	:	ca. 1,51 g/cm3 (20 °C)
Solubility(ies) Water solubility	:	insoluble
Solubility in other solvents	:	No data available
Partition coefficient: n- octanol/water	:	No data available
Auto-ignition temperature	:	415 °C
Decomposition temperature	:	No data available
Viscosity Viscosity, dynamic	:	ca. 2.400 - 3.600 mPa.s (20 °C)
Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)
Explosive properties	:	No data available
Oxidizing properties	:	No data available

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				

No decomposition if stored and applied as directed.

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:		
xylene: Acute oral toxicity	:	LD50 Oral (Rat): 3.523 mg/kg
Acute dermal toxicity	:	LD50 Dermal (Rabbit): 1.700 mg/kg
Skin corrosion/irritation		

Causes skin irritation.

Serious eye damage/eye irritation

Causes serious eye damage.

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.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

May cause respiratory irritation.

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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)		Exposure time: 7 d Species: Daphnia (water flea)
lo toxioity)		
12.2 Persistence and degradabili	ity	
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 as	ses	ssment
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
Country DE 10000009224		1

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0.1% or higher..

12.6 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.
	6 ()

12.7 Other adverse effects

Product:

Additional ecological infor-	:	There is no data available for this product.
mation		

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

In accordance with the EWC Waste Regulation the classification of waste is to be assigned to the jurisdiction of the origin of waste. Therefore, it is not possible to assign a particular waste identification number.
 Completely emptied packagings may be given for recycling. Empty packaging may still contain hazardous residues. Empty packaging should be removed by a licensed waste contractor. Sika has agreed disposal contracts for all packaging which is brought into circulation in Germany. For further details see www.sika.de

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)		

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	ADR	:	3
	IMDG	:	3
	ΙΑΤΑ	:	3
14.4	Packing group		
	ADR Packing group Classification Code Hazard Identification Number Labels Tunnel restriction code		III F1 30 3 (D/E)
	IMDG Packing group Labels EmS Code	: : :	III 3 F-E, S-E
	IATA (Cargo) Packing instruction (cargo aircraft)	:	366
	Packing instruction (LQ) Packing group Labels	:	Y344 III Flammable Liquids
	IATA (Passenger) Packing instruction (passen- ger aircraft)	:	355
	Packing instruction (LQ) Packing group Labels	: : :	Y344 III Flammable Liquids
14.5	Environmental hazards		
	ADR Environmentally hazardous	:	no
	IMDG Marine pollutant	:	no
	IATA (Passenger) Environmentally hazardous	:	no
	IATA (Cargo) Environmentally hazardous	:	no

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.

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SECTION 15: Regulatory information

15.1 Safety, health and environmental re	egulations/legis	on	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		
International 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 persist tants (recast)	Regulation (EU) 2019/1021 on persistent organic pollu- tants (recast)				
Regulation (EC) No 649/2012 of the E ment and the Council concerning the of dangerous chemicals	:	Not applicable			
Regulation (EU) 2019/1148 on the marketing and use of explosives precursors Acquisition, introduction, possession or use of the explo- sive precursor by the general public is subject to report- ing obligations.					
- re - re - ex	REACH Information: REACH Information: - registered by our ups - registered by us, and - excluded from the registered from		m suppliers, and/or tion, and/or		
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					
	GK 2 obviously hazar sification according		us to water AwSV, Annex 1 (5.2)		
(VC	DCV)		or volatile organic compounds ls (VOC) content: 21,88 %		



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Directive 2010/75/EU of 24 November 2010 on industrial emissions (integrated pollution prevention and control) Volatile organic compounds (VOC) content: 21,88 %

GISCODE

: RE70

Other regulations:

Take note of Law on the protection of mothers at work, in education and in studies (Maternity Protection Act - MuSchG).

Product is no subject to the Chemicals Prohibition Ordinance.

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.			
H228	:	Flammable solid.			
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.			
H318	:	Causes serious eye damage.			
H319	:	Causes serious eye irritation.			
H332	:	Harmful if inhaled.			
H335	:	May cause respiratory irritation.			
H336	:	May cause drowsiness or dizziness.			
H373	:	May cause damage to organs through prolonged or repeated			
		exposure if inhaled.			
H412	:	Harmful to aquatic life with long lasting effects.			
Full text of other abbreviations					
Acute Tox.	:	Acute toxicity			
	:	Acute toxicity Long-term (chronic) aquatic hazard			
Acute Tox.	:				
Acute Tox. Aquatic Chronic	:	Long-term (chronic) aquatic hazard			
Acute Tox. Aquatic Chronic Asp. Tox.	:	Long-term (chronic) aquatic hazard Aspiration hazard			
Acute Tox. Aquatic Chronic Asp. Tox. Eye Dam.	:	Long-term (chronic) aquatic hazard Aspiration hazard Serious eye damage Eye irritation Flammable liquids			
Acute Tox. Aquatic Chronic Asp. Tox. Eye Dam. Eye Irrit.	:	Long-term (chronic) aquatic hazard Aspiration hazard Serious eye damage Eye irritation			
Acute Tox. Aquatic Chronic Asp. Tox. Eye Dam. Eye Irrit. Flam. Liq.	:	Long-term (chronic) aquatic hazard Aspiration hazard Serious eye damage Eye irritation Flammable liquids			
Acute Tox. Aquatic Chronic Asp. Tox. Eye Dam. Eye Irrit. Flam. Liq. Flam. Sol.	:	Long-term (chronic) aquatic hazard Aspiration hazard Serious eye damage Eye irritation Flammable liquids Flammable solids			
Acute Tox. Aquatic Chronic Asp. Tox. Eye Dam. Eye Irrit. Flam. Liq. Flam. Sol. Skin Irrit.	:	Long-term (chronic) aquatic hazard Aspiration hazard Serious eye damage Eye irritation Flammable liquids Flammable solids Skin irritation Skin sensitisation Specific target organ toxicity - repeated exposure			
Acute Tox. Aquatic Chronic Asp. Tox. Eye Dam. Eye Irrit. Flam. Liq. Flam. Sol. Skin Irrit. Skin Sens. STOT RE STOT SE	:	Long-term (chronic) aquatic hazard Aspiration hazard Serious eye damage Eye irritation Flammable liquids Flammable solids Skin irritation Skin sensitisation Specific target organ toxicity - repeated exposure Specific target organ toxicity - single exposure			
Acute Tox. Aquatic Chronic Asp. Tox. Eye Dam. Eye Irrit. Flam. Liq. Flam. Sol. Skin Irrit. Skin Sens. STOT RE	:	Long-term (chronic) aquatic hazard Aspiration hazard Serious eye damage Eye irritation Flammable liquids Flammable solids Skin irritation Skin sensitisation Specific target organ toxicity - repeated exposure Specific target organ toxicity - single exposure Europe. Commission Directive 2000/39/EC establishing a first			
Acute Tox. Aquatic Chronic Asp. Tox. Eye Dam. Eye Irrit. Flam. Liq. Flam. Sol. Skin Irrit. Skin Sens. STOT RE STOT SE 2000/39/EC	• • • • • • • • • • • • • • • • • • • •	Long-term (chronic) aquatic hazard Aspiration hazard Serious eye damage Eye irritation Flammable liquids Flammable solids Skin irritation Skin sensitisation Specific target organ toxicity - repeated exposure Specific target organ toxicity - single exposure Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values			
Acute Tox. Aquatic Chronic Asp. Tox. Eye Dam. Eye Irrit. Flam. Liq. Flam. Sol. Skin Irrit. Skin Sens. STOT RE STOT SE	:	Long-term (chronic) aquatic hazard Aspiration hazard Serious eye damage Eye irritation Flammable liquids Flammable solids Skin irritation Skin sensitisation Specific target organ toxicity - repeated exposure Specific target organ toxicity - single exposure Europe. Commission Directive 2000/39/EC establishing a first			

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2000/39/EC / TWA 2000/39/EC / STEL DE TRGS 900 / AGW ADR	 Limit Value - eight hours Short term exposure limit Time Weighted Average European Agreement concerning the International Carriage of Dangerous Goods by Road
CAS DNFI	Chemical Abstracts Service Derived no-effect level
EC50	: Half maximal effective concentration
GHS	: Globally Harmonized System
ΙΑΤΑ	: International Air Transport Association
IMDG	: International Maritime Code for Dangerous Goods
LD50	 Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50	 Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation period)
MARPOL	: International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
OEL	: Occupational Exposure Limit
PBT	: Persistent, bioaccumulative and toxic
PNEC	: Predicted no effect concentration
REACH	: Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Reg- istration, Evaluation, Authorisation and Restriction of Chemi- cals (REACH), establishing a European Chemicals Agency
SVHC	: Substances of Very High Concern
vPvB	: Very persistent and very bioaccumulative

Further information

Classification of the	e 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 !

DE / EN

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