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

1.1 Product identifier

Trade name : EVB5030

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

1.3 Details of the supplier of the safety data sheet

Company name of supplier	:	Sika Limited
		Watchmead Welwyn Garden City
		Hertfordshire. AL7 1BQ
Telephone	:	+44 (0)1707 394444
Telefax	:	+44 (0)1707 329129
E-mail address of person responsible for the SDS	:	EHS@uk.sika.com

1.4 Emergency telephone number

National Chemical Emergency Centre (NCEC) 24 Hour Emergency Telephone Number +44 870 190 6777

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)					
	Acute toxicity, Category 4	H332: Harmful if inhaled.			
	Skin irritation, Category 2	H315: Causes skin irritation.			
	Eye irritation, Category 2	H319: Causes serious eye irritation.			
	Respiratory sensitisation, Category 1	H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.			
	Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.			
	Carcinogenicity, Category 2	H351: Suspected of causing cancer.			
	Specific target organ toxicity - single exposure, 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.			

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Hazard pictograms

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Signal word	:	Danger	
Hazard statements	:	H315 H317 H319 H332 H334 H335 H351 H373	Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. Suspected of causing cancer. May cause damage to organs through pro- longed or repeated exposure if inhaled.
Precautionary statements	:	Prevention: P201	Obtain special instructions before use.
		P260	Do not breathe mist or vapours.
		P264 P280	Wash skin thoroughly after handling. Wear protective gloves/ protective clothing/ eye protection/ face protection.
		Response:	
		P304 + P340 + F	P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/ doctor if you feel unwell.
		P342 + P311	If experiencing respiratory symptoms: Call a POISON CENTER/ doctor.

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Hazardous components which must be listed on the label:

Diphenylmethanediisocyanate, isomeres and homologues

Additional Labelling

"As from 24 August 2023 adequate training is required before industrial or professional use."

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.



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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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Registration number	Classification	Concentration (% w/w)
Diphenylmethanediisocyanate, isomeres and homologues	9016-87-9 Not Assigned	Acute Tox. 4; H332 Skin Irrit. 2; H315 Eye Irrit. 2; H319 Resp. Sens. 1; H334 Skin Sens. 1; H317 Carc. 2; H351 STOT SE 3; H335 (Respiratory system) STOT RE 2; H373 	>= 25 - < 40

For explanation of abbreviations see section 16.

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.



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In case of alkin contact	. Take off contaminated elething and abase	immodiately
In case of skin contact	: Take off contaminated clothing and shoes Wash off with soap and plenty of water. If symptoms persist, call a physician.	immediately.
In case of eye contact	: Immediately flush eye(s) with plenty of war Remove contact lenses.	ter.
	Keep eye wide open while rinsing. If eye irritation persists, consult a specialis	t.
If swallowed	: Do not induce vomiting without medical ad Rinse mouth with water.	lvice.
	Do not give milk or alcoholic beverages. Never give anything by mouth to an uncor	scious person.
.2 Most important symptoms	and effects, both acute and delayed	
Symptoms	: Asthmatic appearance	
, i	Cough	
	Respiratory disorder	
	Allergic reactions	
	Excessive lachrymation	
	Erythema	
	Headache	
	Dermatitis	an an health affects
	See Section 11 for more detailed informati and symptoms.	on on health effects
Risks	: irritant effects	
	sensitising effects	
	Causes skin irritation.	
	May cause an allergic skin reaction.	
	Causes serious eye irritation.	
	Harmful if inhaled. May cause allergy or asthma symptoms or	r broathing difficul
	ties if inhaled.	
	May cause respiratory irritation.	
	Suspected of causing cancer.	
	May cause damage to organs through pro exposure if inhaled.	longed or repeated
1.3 Indication of any immediat	e medical attention and special treatment nee	ded
Treatment	: Treat symptomatically.	

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : In case of fire, use water/water spray/water jet/carbon diox-



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	ide/sand/foam/alcohol resistant foam/che extinction.	mical powder for
5.2 Special hazards arising from th	e substance or mixture	
Hazardous combustion prod- : ucts	No hazardous combustion products are k	nown
5.3 Advice for firefighters		
Special protective equipment : for firefighters	In the event of fire, wear self-contained b	reathing apparatus.
Further information :	Standard procedure for chemical fires.	
SECTION 6: Accidental release	measures	
6.1 Personal precautions, protectiv	e equipment and emergency procedures	5
Personal precautions :	Use personal protective equipment. Deny access to unprotected persons.	
6.2 Environmental precautions		
Environmental precautions :	Do not flush into surface water or sanitary	v sewer system.

Environmental precautions : Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
		Keep in suitable, closed containers for disposal.

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 formation of aerosol. 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 asth- ma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.



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		Smoking, eating and drinking should be prohibi plication area. Provide sufficient air exchange and/or exhaust Follow standard hygiene measures when handl products	in work rooms.
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.	
Hygiene measures	:	Handle in accordance with good industrial hygic practice. When using do not eat or drink. When smoke. Wash hands before breaks and at the e	using do not
7.2 Conditions for safe storage, in	ncl	luding any incompatibilities	
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well- place. Containers which are opened must be ca sealed and kept upright to prevent leakage. Sto ance with local regulations.	arefully re-
Further information on stor- age stability	:	No decomposition if stored and applied as direc	ted.
7.3 Specific end use(s)			
Specific use(s)	:	Cleaning with aprotic polar solvents must be av Consult most current local Product Data Sheet 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 *	
Diphenylmethanediisocyanate, isomeres	9016-87-9	TWA	0,02 mg/m3	GB EH40
and homologues			(NCO)	
	Further informa	ation: Capable of ca	using occupation	al asthma.
		STEL	0,07 mg/m3	GB EH40
			(NCO)	

*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-	Sampling time	Basis
		ters		
Diphenylmethanediisocyanate, iso- meres and homologues	9016-87-9	isocyanate- derived diamine (Isocyanates): 1	At the end of the period of expo- sure	GB EH40 BAT



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		µmol/mol creati- nine (Urine)	
8.2 Exposure controls			
Engineering measures			
Maintain air concentrations be Ensure adequate ventilation, e			
Personal protective equipme	ent		
Eye/face protection	: Safety glasses with sid Eye wash bottle with p	de-shields conforming t oure water	o EN166

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. 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. Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk as- sessment indicates this is necessary. organic vapor filter (Type A)

A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular 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. Ensure adequate ventilation, especially in confined areas.

Environmental exposure controls

	-
General advice	

: Do not flush into surface water or sanitary sewer system. If the product contaminates rivers and lakes or drains inform



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Water solubility

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respective authorities.

SECTION 9: Physical and chemical properties

9.1	Information on basic physical	an	d chemical properties
	Physical state	:	liquid
	Colour	:	brown
	Odour	:	musty
	Melting point/range / Freezing point	:	No data available
	Boiling point/boiling range	:	No data available
	Flammability (solid, gas)	:	No data available
			la chua limita
	Upper/lower flammability or e	-	
	Upper explosion limit / Up- per flammability limit	:	No data available
	Lower explosion limit / Lower flammability limit	:	No data available
	Flash point	:	> 200 °C Method: closed cup
	Auto-ignition temperature	:	No data available
	Decomposition temperature	:	No data available
	рН	:	Not applicable
	Viscosity		
	Viscosity, dynamic	:	ca. 13.000 mPa.s (20 °C)
	Viscosity, kinematic	:	> 20,5 mm2/s (40 °C)
	Solubility(ies)		

:

No data available



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Partition coefficient: n- octanol/water	: No data available	
Vapour pressure	: 0,01 hPa	
Density	: ca. 1,09 g/cm3 (20 °C)	
Relative vapour density	: No data available	

: No data available

9.2 Other information

No data available

Particle characteristics

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 : No hazards to be specially mentioned.

10.4 Conditions to avoid

Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.



	Harmful if inhaled.	
A Information on hazard classes as defined in Regulation (EC) No 1272/2008 Acute toxicity Harmful if inhaled. Components: Diphenylmethanediisocyanate, isomeres and homologues: Acute oral toxicity : LD50 Oral (Rat): > 10.000 mg/kg Acute inhalation toxicity : LC50: 1,5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: Expert judgement Assessment: The component/mixture is moderately toxic after short term inhalation. Acute dermal toxicity : LD50 Dermal (Rabbit): > 9.400 mg/kg Skin corrosion/irritation Causes skin irritation. Serious eye damage/eye irritation Causes serious eye irritation. Respiratory or skin sensitisation May cause an allergic skin reaction. Respiratory or skin sensitisation May cause an allergic skin reaction. Respiratory or skin sensitisation May cause an allergic skin reaction. Reprince all mutagenicity Not classified due to lack of data. Carcinogenicity Suspected of causing cancer. Reproductive toxicity Not classified due to lack of dat	Acute toxicity Harmful if inhaled.	
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Aspiration toxicity		
Not classified due to lack of data.		



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11.2 Information on other hazard	ls	
Endocrine disrupting prope	rties	
Product:		
Assessment	 The substance/mixture does not contain ered to have endocrine disrupting proper REACH Article 57(f) or Commission De (EU) 2017/2100 or Commission Regular levels of 0.1% or higher. 	erties according to elegated regulation

SECTION 12: Ecological information

12.1 Toxicity

Components:

Diphenylmethanediisocyanate, isomeres and homologues:

Toxicity to fish	:	LC50 (Brachydanio rerio (zebrafish)): > 1.000 mg/l Exposure time: 96 h
Toxicity to algae/aquatic plants	:	EC50 (Desmodesmus subspicatus (green algae)): > 1.640 mg/l Exposure time: 72 h

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

|--|

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



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	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 conside	erations	
13.1 Waste treatment methods		
Product	 The generation of waste should be avoided wherever possible. Empty containers or liners may retain some This material and its container must be disp way. Dispose of surplus and non-recyclable prod waste disposal contractor. Disposal of this product, solutions and any l at all times comply with the requirements of protection and waste disposal legislation an local authority requirements. Avoid dispersal of spilled material and runot soil, waterways, drains and sewers. 	e product residues. bosed of in a safe ducts via a licensed by-products should f environmental nd any regional

SECTION 14: Transport information

14.1 UN number or ID number

ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.2 UN proper shipping name		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good
14.3 Transport hazard class(es)		
ADR	:	Not regulated as a dangerous good
IMDG	:	Not regulated as a dangerous good
ΙΑΤΑ	:	Not regulated as a dangerous good



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14.4 Packing group				
ADR	: Not regulated as a dangerous good			
IMDG	: Not regulated as a dangerous good			
IATA (Cargo)	: Not regulated as a dangerous good			
IATA (Passenger)	: Not regulated as a dangerous good			
14.5 Environmental hazards Not regulated as a dangerous good				
14.6 Special precautions for u Not applicable	er			
14.7 Maritime transport in bulk according to IMO instruments Not applicable for product as supplied.				
SECTION 15: Regulatory information				

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture Relevant EU provisions transposed through retained EU law

	UK REACH List of restrictions (Annex 17)	:	Conditions of restriction for the fol- lowing entries should be considered: Diphenylmethanediisocyanate, iso- meres and homologues (Number on list 56)
	UK REACH Candidate list of substances of very high concern (SVHC) for Authorisation	:	Not applicable
	The Persistent Organic Pollutants Regulations (retained Regulation (EU) 2019/1021 as amended for Great Britain)	:	Not applicable
	International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors	:	Not applicable
	Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
	UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable
	GB Export and import of hazardous chemicals - Prior Informed Consent (PIC) Regulation	:	Not applicable
\sim	untry CB 10000026064		12/1



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Control of Major Accident Hazard 2015 (COMAH)	s Regulations Not applicable	
Volatile organic compounds :	Law on the incentive tax for volatile organic (VOCV) no VOC duties	compounds
	Directive 2010/75/EU of 24 November 2010 emissions (integrated pollution prevention a Not applicable	
If other regulatory information app Sheet, then it is described in this	blies that is not already provided elsewhere in subsection.	n the Safety Data
Health, safety and environ- : mental regulation/legislation specific for the substance or mixture:	Environmental Protection Act 1990 & Subs Health and Safety at Work Act 1974 & Subs Control of Substances Hazardous to Health (COSHH) May be subject to the Control of Major Acc	sidiary Regulations n Regulations

Regulations (COMAH), and amendments.

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

H315	:	Causes skin irritation.
H317	:	May cause an allergic skin reaction.
H319	:	Causes serious eye irritation.
H332	:	Harmful if inhaled.
H334	:	May cause allergy or asthma symptoms or breathing difficul- ties if inhaled.
H335	:	May cause respiratory irritation.
H351	:	Suspected of causing cancer.
H373	:	May cause damage to organs through prolonged or repeated exposure if inhaled.
Full text of other abbreviatio	ns	
Acute Tox.	:	Acute toxicity
Carc.	:	Carcinogenicity
Eye Irrit.	:	Eye irritation
Resp. Sens.	:	Respiratory sensitisation
Skin Irrit.	:	Skin irritation
Skin Sens.	:	Skin sensitisation
STOT RE		Specific target organ toxicity - repeated exposure
STOT SE		Specific target organ toxicity - single exposure
	•	



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GB EH40		UK. EH40 WEL - Workplace Exposure Limits	
GB EH40 BAT	:	UK. Biological monitoring guidance values	
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA referen	ce period)
GB EH40 / STEL	:	Short-term exposure limit (15-minute reference	
ADR	:	European Agreement concerning the Internatio	
ABR	•	Dangerous Goods by Road	shar ournage of
CAS		Chemical Abstracts Service	
DNEL	:	Derived no-effect level	
EC50	:	Half maximal effective concentration	
GHS	:	Globally Harmonized System	
IATA	:	International Air Transport Association	
IMDG	:	International Maritime Code for Dangerous Go	ods
LD50	:	Median lethal dosis (the amount of a material,	
2000	•	once, which causes the death of 50% (one hal	
		test animals)	
LC50		Median lethal concentration (concentrations of	the chemical in
2000	•	air that kills 50% of the test animals during the	
		period)	
MARPOL		International Convention for the Prevention of	Pollution from
	•	Ships, 1973 as modified by the Protocol of 197	
OEL		Occupational Exposure Limit	0
PBT	:	Persistent, bioaccumulative and toxic	
PNEC	:	Predicted no effect concentration	
REACH	:	Regulation (EC) No 1907/2006 of the Europea	n Parliament
NE/(OTT	•	and of the Council of 18 December 2006 conce	
		istration, Evaluation, Authorisation and Restric	
		cals (REACH), establishing a European Chem	
SVHC		Substances of Very High Concern	iesie i geney
vPvB	:	Very persistent and very bioaccumulative	
·· · -	•		

Further information

Classification of the	mixture:	Classification procedure:		
Acute Tox. 4	H332	Calculation method		
Skin Irrit. 2	H315	Calculation method		
Eye Irrit. 2	H319	Calculation method		
Resp. Sens. 1	H334	Calculation method		
Skin Sens. 1	H317	Calculation method		
Carc. 2	H351	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.



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Changes as compared to previous version !

GB / EN