Printing date 28.06.2018	Version number 5	Revision: 28.06.2018
SECTION 1: Identification of the	he substance/mixture and of the company/undertakin	g
· 1.1 Product identifier		
· Trade name:	Universal Dilution VOC	
· Article number:	90308, 90310	
 1.2 Relevant identified uses of the substance or mixture and 	-	
uses advised against	No further relevant information available.	
Application of the substance / th mixture	e Thinner, Diluent	
· 1.3 Details of the supplier of the supplier of the supplier of the supplier of the supplication of the s	he safety data sheet	
Manufacturer/Supplier:	AKEMI chemisch technische Spezialfabrik GmbH Lechstrasse 28 D 90451 Nürnberg	Tel. +49(0)911-642960 Fax. +49(0)911-644456 e-mail info@akemi.de
Eurther information obtainable		
from:	Laboratory	
 <u>1.4 Emergency telephone</u> number: 	Product Safety Department AKEMI chemisch technis	che Spezialfabrik GmbH
	Tel. +49(0)911-64296-59	
	Reachable during the following office hours: Monday – Thursday from 07:30 a.m. to 16:30 p.m.	
	Friday from 07:30 a.m. to 13:30 p.m.	
	+44 (171) 635 91 91	
	National Poison Inform. Centre Medical Toxicology Unit	
	Avalonley Road	
	London SE14 5ER	
SECTION 2: Hazards identifica	ation	
Classification of the subst Classification according to Regu		
GHS02 flame		
Flam. Liq. 3 H226	Flammable liquid and vapour.	
GHS08 health hazard		
Asp. Tox. 1 H304	May be fatal if swallowed and enters airways.	
GHS05 corrosion		
Eye Dam. 1 H318	Causes serious eye damage.	
\mathbf{A}		
GHS07		
	Causes skin irritation.	r dizzinaca
	May cause respiratory irritation. May cause drowsiness o	
	Harmful to aquatic life with long lasting effects. IF ON SKIN (or hair): Take off immediately all contar	ningted clothing. Pipes akin
· <u>Response:</u>	with water [or shower].	_
	IF IN EYES: Rinse cautiously with water for severa	I minutes. Remove contact
	lenses, if present and easy to do. Continue rinsing.	(Contd. on page 2)



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Universal Dilution VOC .

Trade name: Universal Dilution VOC	;	
· <u>Storage:</u>	IF INHALED: Rem IF SWALLOWED: IF exposed or con	(Contd. of page 1) Immediately call a POISON CENTER/ doctor. nove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor. cerned: Get medical advice/attention. ntilated place. Keep container tightly closed.
 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 Hazard pictograms 		ssified and labelled according to the CLP regulation. GHS07 GHS08
 Signal word 	Danger	
Hazard-determining components of labelling:	Solvent naphtha (j butanol Hudrocarbons C9	petroleum), light arom. -C10, n-alkane. iso-alkane, cyclics, < 2% aromatics
Hazard statements	H315 Cause H318 Cause H335-H336 May c	nable liquid and vapour. es skin irritation. es serious eye damage. ause respiratory irritation. May cause drowsiness or dizziness. he fatal if swallowed and enters airways.
• <u>Precautionary statements</u>	P101 P102 P103 P210 P261 P273 P280 P301+P310 P302+P352 P304+P312	 ful to aquatic life with long lasting effects. If medical advice is needed, have product container or label at hand. Keep out of reach of children. Read label before use. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid breathing vapours. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. IF SWALLOWED: Immediately call a POISON CENTER/ doctor. IF ON SKIN: Wash with plenty of water. IF INHALED: Call a POISON CENTER/doctor if you feel unwell. B IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container in accordance with local/ regional/national/international regulations.
 • 2.3 Other hazards • Results of PBT and vPvB assessm • PBT: 	ient Not applicable.	
· <u>vPvB:</u>	Not applicable.	(Contd. on page 3) GB —

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SECTION 3: Composition/information on ingredients				
• <u>3.2 Chemical characterisation: Mixtures</u> • Description: Mixture of substances listed below with nonhazardous additions.				
Dangerous components:				
CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9 Reg.nr.: 01-2119486136-34 01-2119488216-32 01-2119555267-33	xylene (mix) Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	25-50%		
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1 Reg.nr.: 01-2119485493-29	n-butyl acetate Flam. Liq. 3, H226 STOT SE 3, H336	12.5-25%		
EC number: 918-668-5 Index number: 649-356-00-4 Reg.nr.: 01-2119455851-35	Solvent naphtha (petroleum), light arom. Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 2, H411 STOT SE 3, H335-H336	12.5-25%		
EC number: 927-241-2 Reg.nr.: 01-2119471843-32	Hudrocarbons C9-C10, n-alkane. iso-alkane, cyclics, < 2% aromatics Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 3, H412	12.5-25%		
CAS: 78-83-1 EINECS: 201-148-0 Index number: 603-108-00-1 Reg.nr.: 01-2119484609-23	butanol Flam. Liq. 3, H226 Eye Dam. 1, H318 Skin Irrit. 2, H315; STOT SE 3, H335-H336	1-5%		
CAS: 71-36-3 EINECS: 200-751-6 Index number: 603-004-00-6 Reg.nr.: 01-2119484630-38	💑 Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	1-5%		
Additional information:	For the wording of the listed hazard phrases refer to section 16.			

SECTION 4: First aid measures

· 4.1 Description of first aid measures

General information:	Symptoms of poisoning may even occur after several hours; therefore medical
	observation for at least 48 hours after the accident.
	Immediately remove any clothing soiled by the product.
	Take affected persons out into the fresh air.
	Position and transport stably in side position.
· After inhalation:	Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
	In case of unconsciousness place patient stably in side position for transportation.
After skin contact:	Immediately wash with water and soap and rinse thoroughly.
	If skin irritation continues, consult a doctor.
· After eye contact:	Rinse opened eye for several minutes under running water. Then consult a doctor.
 After swallowing: 	Do not induce vomiting; call for medical help immediately.
• 4.2 Most important symptoms	
and effects, both acute and	
delayed	Breathing difficulty
	(Contd. on page 4)

according to 1907/2006/EC, Article 31

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	(Contd. of page 3)
	Headache
	Dizziness
	Dizziness
	Nausea
 Information for doctor: 	Symptoms in intoxication with (aromatic) hydrocarbons (dosis letalis about 30 g)
	a) In acute intoxication: headache, dizziness, euphoria, gastro-intestinal
	dysfunction, state of excitement, coma.
	b) In chronic intoxication: myelotoxic damage, fatigue, dizziness, emaciation,
	cardiac palpitation after physical exercise, leucopenia, anemia, leukosis.
	Therapy in hydrocarbons intoxication: In case of inhalation provision of fresh air;
	in case of peroral intake administration of Carbo medicinalis; only after
	intubation conduct of gastrolavage in application of Carbo medicinalis; in case of
	cramps administration of Diazepam 20 mg intravenously.
· <u>Hazards</u>	Danger of impaired breathing.
• 4.3 Indication of any immediate	<u>e</u>
medical attention and special	
treatment needed	If swallowed, gastric irrigation with added, activated carbon.
SECTION 5: Firefighting measures	ures
 <u>5.1 Extinguishing media</u> 	
 Suitable extinguishing agents: 	CO2, sand, extinguishing powder. Do not use water.
 For safety reasons unsuitable 	
extinguishing agents:	Water
	Water with full jet
 5.2 Special hazards arising fro 	m
the substance or mixture	Formation of toxic gases is possible during heating or in case of fire.
	In case of fire, the following can be released:
	Carbon monoxide (CO)
	Under certain fire conditions, traces of other toxic gases cannot be excluded.
 5.3 Advice for firefighters 	
Protective equipment:	Wear self-contained respiratory protective device.
	Do not inhale explosion gases or combustion gases.
	Wear fully protective suit.
 Additional information 	Dispose of fire debris and contaminated fire fighting water in accordance with
	official regulations.
	Collect contaminated fire fighting water separately. It must not enter the sewage
	system.
SECTION 6: Accidental release	e measures
6.1 Personal pressutions	
6.1 Personal precautions,	
protective equipment and	
emergency procedures	Wear protective equipment. Keep unprotected persons away.
	Remove persons from danger area.

Remove persons from danger are
Ensure adequate ventilation

• 6.2 Environmental precautions: Use respiratory protective device against the effects of fumes/dust/aerosol. Do not allow product to reach sewage system or any water course.

- Inform respective authorities in case of seepage into water course or sewage system. Do not allow to enter sewers/ surface or ground water.
- <u>6.3 Methods and material for</u> <u>containment and cleaning up:</u> Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents

Keep away from ignition sources.

(Contd. on page 5)

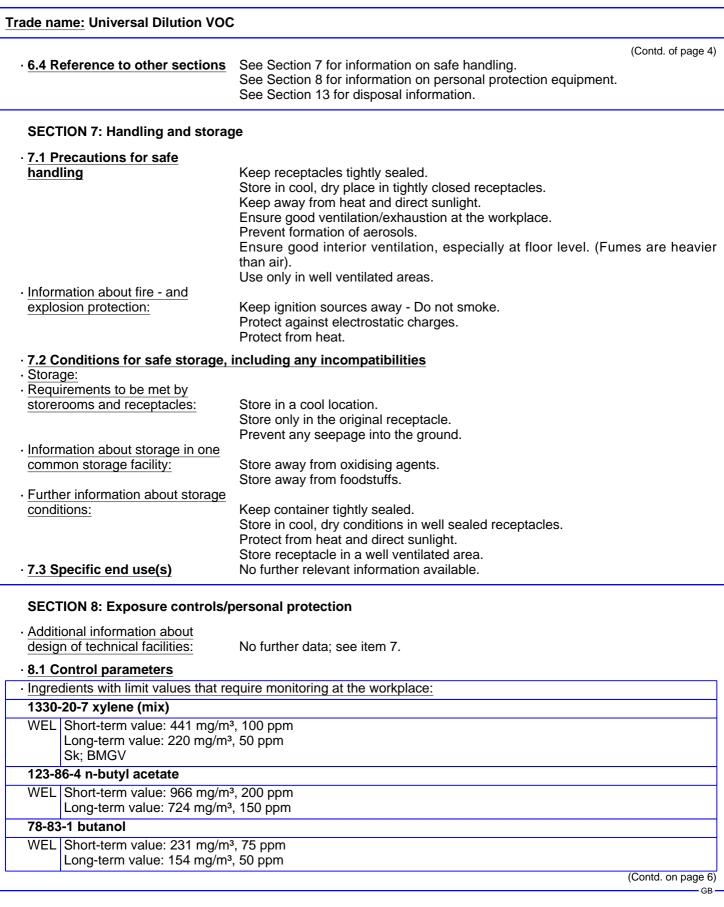
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			(Contd. of pag
71-36-3 b	utanol		
WEL Sho Sk	rt-term	value: 154 mg/m ³ , 50	ppm
DNELs			
1330-20-7	' xylen	e (mix)	
Oral	DNEL	(Langzeit-wiederholt)	16 mg/kg bw/day (BEV)
Dermal	DNEL	(Langzeit-wiederholt) 180 mg/kg bw/day (ARB)
			108 mg/kg bw/day (BEV)
Inhalative	DNEL	(Kurzzeit-akut)	289 mg/m³ Air (ARB)
			174 mg/m³ Air (BEV)
	DNEL	(Langzeit-wiederholt)	77 mg/m³ Air (ARB)
			14.8 mg/m³ Air (BEV)
Solvent n	-	a (petroleum), light a	
Oral		(3)	11 mg/kg bw/day (BEV)
Dermal	DNEL	(Langzeit-wiederholt) 25 mg/kg bw/day (ARB)
			11 mg/kg bw/day (BEV)
Inhalative	DNEL	(Langzeit-wiederholt)	,
			32 mg/m³ Air (BEV)
			-alkane, cyclics, < 2% aromatics
Oral		(Langzeit-wiederholt)	
Dermal	DNEL	(Langzeit-wiederholt) 300 mg/kg bw/day (ARB)
			300 mg/kg bw/day (BEV)
Inhalative	DNEL	(Langzeit-wiederholt)	
			900 mg/m³ Air (BEV)
<u>PNECs</u>			
1330-20-7	-	• •	
PNEC (wä	U /	6.58 mg/l (KA)	
		0.327 mg/l (MW)	
		0.327 mg/l (SW)	
		0.327 mg/l (WAS)	
PNEC (fee		2.31 mg/kg Trockeng	
		12.46 mg/kg Trocken	
		12.46 mg/kg Trocken	gew (SVVS)
		piological limit values:	
1330-20-7	-	• •	
		ol/mol creatinine	
	edium: ampling	urine j time: post shift	
		er: methyl hippuric aci	d
Additional			e lists valid during the making were used as basis.
8.2 Expos	sure co	ontrols	
Personal p	orotecti	ve equipment:	
General p	rotectiv	e and hygienic	
measures	<u>.</u>		e usual precautionary measures are to be adhered to when hand emicals.
			emicals. ep away from foodstuffs, beverages and feed.
			mediately remove all soiled and contaminated clothing
			ash hands before breaks and at the end of work.
			(Contd. on page



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	(Contd. of page 6)
	Avoid contact with the eyes and skin.
	Do not inhale gases / fumes / aerosols.
	Do not eat, drink, smoke or sniff while working.
	Use skin protection cream for skin protection.
	Clean skin thoroughly immediately after handling the product.
 Respiratory protection: 	In case of brief exposure or low pollution use respiratory filter device. In case of
	intensive or longer exposure use self-contained respiratory protective device. Short term filter device:
	Filter AX
 Protection of hands: 	
	Protective gloves
	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
	Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
	Preventive skin protection by use of skin-protecting agents is recommended.
	After use of gloves apply skin-cleaning agents and skin cosmetics.
	The protection gloves to be used have to comply with the
	specifications of the directive 89/686/EC and the directive derived
	decree EN374, respectively, e.g. the above listed protection glove type. The mentioned permeation times data were generated and
	verified with material samples of the recommended protection glove
	type in the scope of laboratory anylyses of the company KCL GmbH in
	compliance with EN374.
	This recommendation refers exclusively to the material safety data
	sheet referenced product delivered by Akemi and the indicated field of application. In case of product dilution or in case of mixture with different substances or chemicals, and in condition of EN374 deviation the producer of CE-approved protection gloves must be contacted for detailed information (e.g., KCL GmbH, Germany, 36124 Eichenzell,
Motorial of gloven	internet: http://www.kcl.de).
 Material of gloves 	Fluorocarbon rubber (Viton) The selection of the suitable gloves does not only depend on the material, but
	also on further marks of quality and varies from manufacturer to manufacturer.
Penetration time of glove material	The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
	Value for the permeation: Level \leq 2, 60 min
For the permanent contact gloves made of the following materials are	
made of the following materials are suitable:	Pluorocarbon rubber (Viton)
Sunable.	Vitoject (KCL, Art_No. 890)
 As protection from splashes gloves 	
made of the following materials are	
suitable:	Fluorocarbon rubber (Viton)
	Vitoject (KCL, Art_No. 890)
	Butyl rubber, BR
	Butoject (KCL, Art_No. 897, 898) Nitrile rubber, NBR
	Camatril (KCL, 730, 731, 732, 733)
 Not suitable are gloves made of 	
the following materials:	Leather gloves
	Strong material gloves
 Eye protection: 	
	Tightly sealed goggles

according to 1907/2006/EC, Article 31

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9			
Trade name: Universal Dilution VOC			
Body protection: Pro	Otective work clothing	l. of page 7)	
SECTION 9: Physical and chemical	SECTION 9: Physical and chemical properties		
• 9.1 Information on basic physical ar • General Information	nd chemical properties		
 <u>Appearance:</u> <u>Form:</u> <u>Colour:</u> <u>Odour:</u> 	Fluid According to product specification Characteristic		
· pH-value:	Not applicable		
 <u>Change in condition</u> <u>Melting point/freezing point:</u> Initial boiling point and boiling range: 	Undetermined. 124 °C		
Flash point:	26 °C		
 Ignition temperature: 	370 °C		
Auto-ignition temperature:	Product is not selfigniting.		
Explosive properties:	Product is not explosive. However, formation of explosive air mixtures are possible.	r/vapour	
• Explosion limits: Lower: Upper:	0.8 Vol % 10.4 Vol %		
 Vapour pressure at 20 °C: 	10.7 hPa		
 Density at 20 °C: 	0.85 g/cm ³		
Solubility in / Miscibility with water:	Not miscible or difficult to mix.		
 <u>Viscosity:</u> <u>Dynamic:</u> <u>Kinematic:</u> 	Not determined. Not determined.		
<u>Solvent content:</u> <u>Organic solvents:</u> • <u>9.2 Other information</u>	100.0 % No further relevant information available.		

SECTION 10: Stability and reactivity · 10.1 Reactivity No further relevant information available. • 10.2 Chemical stability · Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications. No decomposition if used and stored according to specifications. · 10.3 Possibility of hazardous Reacts with strong oxidising agents. reactions No further relevant information available. · 10.4 Conditions to avoid · 10.5 Incompatible materials: No further relevant information available. 10.6 Hazardous decomposition products: Carbon monoxide and carbon dioxide Possible in traces. (Contd. on page 9)



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			(Contd. of page	
SECTION	11: Toxico	ological information		
. 11 1 Infor	mation on	toxicological effects		
Acute toxic		Based on available data, the classification criteria are not met.		
· LD/LC50 v	alues relev	vant for classification:		
ATE (Acu	te Toxicity	Estimates)		
Inhalative	LC50/4 h	>48.6 mg/l (rat)		
1330-20-7	xylene (m	ix)		
Oral	LD50	3,523 mg/kg (rat)		
Dermal	LD50	>2,000 mg/kg (rbt)		
Inhalative	LC50/4h	29,000 mg/m3 (rat)		
	LC50/4 h	6,350 mg/l (rat)		
	LC50/48h	86 mg/l (Leuciscus idus)		
Solvent n	aphtha (pe	troleum), light arom.		
Oral	LD50	3,492 mg/kg (rat)		
Dermal	LD50	>3,160 mg/kg (rabbit)		
		>2,000 mg/kg (rat)		
Inhalative	LC50/4 h	>10.2 mg/l (rat)		
Hudrocar	bons C9-C	10, n-alkane. iso-alkane, cyclics, < 2% aromatics		
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)		
Dermal	LD50	>5,000 mg/kg (rabbit) (OECD 402)		
Inhalative	LC50/4h	>4.951 mg/m3 (rat) (OECD403)		
 Primary irr 				
Skin corro				
Serious ey				
<u>Respiratory or skin sensitisation</u> Based on available data, the classification criteria are not met. ORR effects (carcinogenity, mutagenicity and toxicity for reproduction)				
• Germ cell mutagenicity Based on available data, the classification criteria are not met.				
· Carcinoge	nicity	Based on available data, the classification criteria are not met.		
• Reproductive toxicity Based on available data, the classification criteria are not met.				
• <u>STOT-single exposure</u> May cause respiratory irritation. May cause drowsiness or dizziness.				
	STOT-repeated exposure Aspiration hazard Based on available data, the classification criteria are not met. May be fatal if swallowed and enters airways.			
STOT-rep		May be fatal if swallowed and enters airways.		

· 12.1 Toxicity

 Aquatic toxi 	Aquatic toxicity:		
1330-20-7 x	1330-20-7 xylene (mix)		
EC50/24h	>175 mg/l (bacteria)		
	165 mg/l (daphnia magna)		
EC50	10 mg/l (bacteria)		
IC50	96 mg/l (BES)		
	1 mg/l (daphnia magna)		
LC50	1 mg/l (piscis)		
LC50/24h	32 mg/l (lepomis macrochirus)		
IC50/72h	2.2 mg/l (green alge)		
	3.3 mg/l (Pseudokirchneriella subcapitata)		
	(Contd. on page 1)		

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Trade name: U	Trade name: Universal Dilution VOC			
		(Contd. of page 9)		
EC50/48h	2.1-3.8 mg/l (daphnia			
EC50/72h	4.7 mg/l (Pseudokirchneriella subcapitata)			
LC50/96h	16.9 mg/l (carassius auratus)			
	1.57 mg/l (Cyprinus carpio)			
	3.77-13.5 mg/l (piscis			
	20.9 mg/l (lepomis m	·		
	7.6 mg/l (Oncorhynch			
	• • •	- ,		
Solvent nan	8.9-16 mg/l (pimepha htha (petroleum), lig			
EC50	<10 mg/l (daphnia ma			
	• • •			
IC50	<10 mg/l (daphnia ma			
LC50	<10 mg/l (green alge)			
	>1-<10 mg/l (piscis)			
EL50/48h	3.2 mg/l (ceriodaphni			
	3.2 mg/l (daphnia ma			
EL50/72h	2.6-2.9 mg/l (Pseudo	kirchneriella subcapitata)		
	2.9 mg/l (selenastrum	n capricornutum)		
LL50/96h	9.2 mg/l (Oncorhynch	us mykiss)		
NOELR/72h	1 mg/l (Pseudokirchn	eriella subcapitata)		
EC50/48h	3.2 mg/l (daphnia ma	gna)		
EC50/72h	2.9 mg/l (Pseudokirchneriella subcapitata)			
LC50/96h	9.2 mg/l (Oncorhynch	us mykiss)		
Hudrocarbo	ons C9-C10, n-alkane	iso-alkane, cyclics, < 2% aromatics		
EL50/48h	22-46 mg/l (daphnia magna)			
EL50/72h	>1,000 mg/l (Pseudokirchneriella subcapitata)			
LL50/96h	10-30 mg/l (Oncorhyr	nchus mykiss)		
NOELR/72h	<pre>1 <1 mg/l (Pseudokirchneriella subcapitata)</pre>			
· 12.2 Persist	U	· /		
degradabilit		No further relevant information available.		
	umulative potential	No further relevant information available.		
12.4 Mobilit		No further relevant information available.		
 Ecotoxical et Remark: 	meets:	Toxic for fish		
	cological information:			
· General note		Also poisonous for fish and plankton in water bodies.		
		Toxic for aquatic organisms		
		Water hazard class 2 (German Regulation) (Self-assessment): hazardous for		
· 12 5 Resulte	water • 12.5 Results of PBT and vPvB assessment			
· PBT:		Not applicable.		
· vPvB:		Not applicable.		
 12.6 Other a 	adverse effects	No further relevant information available.		
SECTION 1	3: Disposal considera	ations		
. 13 1 Waste	· 13.1 Waste treatment methods			
· Recommend		Must not be disposed together with household garbage. Do not allow product to		
		reach sewage system.		
	(Contd. on page 11)			

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European waste catalogue				
	1 ORGANIC CHEMICAL PROCESSES			
	, , , , , , , , , , , , , , , , , , , ,			
ũ	07 01 04* other organic solvents, washing liquids and mother liquors			
	00 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED			
	packaging (including separately collected municipal packaging waste)			
15 01 10* packaging conta	ining residues of or contaminated by hazardous substances			
Uncleaned packaging: <u>Recommendation:</u> <u>Recommended cleansing a</u>	Disposal must be made according to official regulations. Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning. Alcohol			
SECTION 14: Transport in	Iformation			
· <u>14.1 UN-Number</u> · <u>ADR, IMDG, IATA</u>	UN1993			
· 14.2 UN proper shipping · ADR	name 1993 FLAMMABLE LIQUID, N.O.S. (XYLENES, BUTYL ACETATES)			
· <u>IMDG, IATA</u>	FLAMMABLE LIQUID, N.O.S. (XYLENES, BUTYL ACETATES)			
· 14.3 Transport hazard cla	ss(es)			
· <u>ADR</u>				
	3 (F1) Flammable liquids.			
· <u>Label</u>	3			
· IMDG, IATA				
· <u>Class</u> · <u>Label</u>	3 Flammable liquids. 3			
· 14.4 Packing group · ADR, IMDG, IATA	III			
• 14.5 Environmental hazar • Marine pollutant:	ds: Product contains environmentally hazardous substances: Yes			
• 14.6 Special precautions • Danger code (Kemler): • EMS Number: • Stowage Category	for user Warning: Flammable liquids. 30 F-E, <u>S-E</u> A			
	 <u>14.7 Transport in bulk according to Annex II of</u> 			
Marpol and the IBC Code	Not applicable.			
	(Contd. on page 12) GB			



according to 1907/2006/EC, Article 31

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Version number 5 **Trade name: Universal Dilution VOC** (Contd. of page 11) · Transport/Additional information: ADR · Limited quantities (LQ) 5L · Excepted quantities (EQ) Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml · Transport category 3 · Tunnel restriction code D/E IMDG · Limited quantities (LQ) 5L • Excepted quantities (EQ) Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml · UN "Model Regulation": UN 1993 FLAMMABLE LIQUID, N.O.S. (XYLENES, BUTYL ACETATES), 3, III

SECTION 15: Regulatory information

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

 Directive 2012/18/EU Named dangerous substances - ANNEX I Seveso category Qualifying quantity (tonnes) for the application of lower-tier requirements Qualifying quantity (tonnes) for the application of upper-tier requirements REGULATION (EC) No 1907/2006 ANNEX XVII National regulations: 	None of the ingredients is listed. P5c FLAMMABLE LIQUIDS 5,000 t 50,000 t Conditions of restriction: 3, 40
Information about limitation of use:	Employment restrictions concerning pregnant and lactating women must be observed. Employment restrictions concerning women of child-bearing age must be observed.
Waterhazard class: <u>VOC EU</u> 15.2 Chemical safety assessment:	Water hazard class 2 (Self-assessment): hazardous for water. 848.0 g/l A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

 <u>Relevant phrases</u> 	H226 Flammable liquid and vapour. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H312 Harmful in contact with skin. H315 Causes skin irritation.	
	H315 Causes skin irritation. H318 Causes serious eye damage. H332 Harmful if inhaled.	
		$(0, \ldots, 1, 1, \ldots, n, n, n, n, 1, 0)$

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Trade name: Universal Dilution VOC	;	
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	H335 May cause respiratory irritation.	
	H336 May cause drowsiness or dizziness. H411 Toxic to aquatic life with long lasting effects.	
	H412 Harmful to aquatic life with long lasting effects.	
 Recommended restriction of use 	refer to Technical Data Sheet (TDS)	
Department issuing SDS: Contact:	Laboratory Elke Hake	
· <u>Contact:</u>	Fon ++49 (0)911 64296-59	
	@mail E.Hake@akemi.de	
<u>Abbreviations and acronyms:</u>	RID: Règlement international concernant le transport des marc fer (Regulations Concerning the International Transport of Dan IATA-DGR: Dangerous Goods Regulations by the "International ICAO: International Civil Aviation Organisation ICAO-TI: Technical Instructions by the "International Civil Aviat ADR: Accord européen sur le transport des marchandises Agreement concerning the International Carriage of Dangerous IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labell	gerous Goods by Rail) al Air Transport Association" (IATA) ion Organisation" (ICAO) 6 dangereuses par Route (European 6 Goods by Road)
	EINECS: European Inventory of Existing Commercial Chemica	
	ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Ch	emical Society)
	DNEL: Derived No-Effect Level (REACH)	
	PNEC: Predicted No-Effect Concentration (REACH) LC50: Lethal concentration, 50 percent	
	LD50: Lethal dose, 50 percent	
	PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative	
	Flam. Liq. 3: Flammable liquids – Category 3	
	Acute Tox. 4: Acute toxicity – Category 4	
	Skin Irrit. 2: Skin corrosion/irritation – Category 2 Eye Dam. 1: Serious eye damage/eye irritation – Category 1	
	STOT SE 3: Specific target organ toxicity (single exposure) - C	Category 3
	Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Chronic 2: Hazardous to the aquatic environment - long	a torm aquatic bazard Catagory 2
	Aquatic Chronic 2: Hazardous to the aquatic environment - long	g-term aquatic hazard – Category 2 g-term aquatic hazard – Category 3
 * Data compared to the previous 		
version altered.	Adaptation in accordance with REACH directive 19	907/2006/EC

