Page 1 / 11 EN

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revised on / Version: 16.05.2013 / 01 Replaces revision of / Version: 20.11.2012 / 00

PDF print date: 16.05.2013 Kebulen-heat-shrinkable-sleeve C 50 Kebulen-heat-shrinkable-tubing C 50

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

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

1.1 Product identifier

Kebulen-heat-shrinkable-sleeve C 50 Kebulen-heat-shrinkable-tubing C 50

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

This is an article

Uses advised against:

No information available at present.

1.3 Details of the supplier of the safety data sheet

Kebulin-Gesellschaft Kettler GmbH & Co. KG, Ostring 9, D-45701 Herten-Westerholt Telephone ++49(0)209/9615-0, Fax ++49(0)209/9615-190

1.4 Emergency telephone

Advisory office in case of poisoning:

Tel.:

Telephone number of the company in case of emergencies:

Tel.: ++49(0)209/9615-0

SECTION 3: Composition/information on ingredients

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) 1272/2008 (CLP)

Not determined

2.1.2 Classification according to Directives 67/548/EEC and 1999/45/EC (including amendments).

Not applicable

2.2 Label elements

2.2.1 Labeling according to Regulation (EC) 1272/2008 (CLP)

Not determined

2.2.2 Labeling according to Directives 67/548/EEC and 1999/45/EC (including amendments).

This is an article.

Symbols: Not applicable

Indications of danger: ---

R-phrases:

S-phrases:

Additions: n.a.

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006.

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not includes under XIII of the regulation (EC) 1907/2006.

Page 2 / 11 EN

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revised on / Version: 16.05.2013 / 01 Replaces revision of / Version: 20.11.2012 / 00

PDF print date: 16.05.2013 Kebulen-heat-shrinkable-sleeve C 50 Kebulen-heat-shrinkable-tubing C 50

SECTION 3: Composition/information on ingredients

3.1 Substance

n.a.

3.2 Mixture

• · · · ·	
Zinc oxide	
Registration number (ECHA)	-
Index	030-013-00-7
EINECS, ELINCS	215-222-5
CAS	CAS 1314-13-2
content %	0.1-<1
Classification according to Directive 67/548/EEC	Dangerous for the environment, N, R50
	Dangerous for the environment, R53
Classification according to Regulation (EC) 1272/2008 (CLP)	Aquatic Acute 1, H400
	Aquatic Chronic 1, H410

2,4,6-triallyoxyl-1,3,5-triazine	
Registration number (ECHA)	-
Index	-
EINECS, ELINCS	202-936-7
CAS	CAS 101-37-1
content %	0.01-<1
Classification according to Directive 67/548/EEC	Harmful, Xn, R22
	Dangerous for the environment, N, R51-53
Classification according to Regulation (EC) 1272/2008 (CLP)	-

For the text of the R-phrases / H-phrases and classification codes (GHS/CLP), see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

Typically no exposure pathway.

Skin contact

Wash thoroughly with water and soap.

Eye contact

Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion

Typically no exposure pathway

4.2 Most important symptoms and effects, both acute and delayed

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.

4.3 Indication of any immediate medical attention and special treatment needed **n.c.**

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Adapt to the nature and extent of fire.

Unsuitable extinguishing media

None known.

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:

Oxides of carbon

Toxic gases.

Page 3 / 11 EN

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revised on / Version: 16.05.2013 / 01 Replaces revision of / Version: 20.11.2012 / 00

PDF print date: 16.05.2013 Kebulen-heat-shrinkable-sleeve C 50 Kebulen-heat-shrinkable-tubing C 50

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.

Protective respirator with independent air supply.

According to size of fire Full protection, if necessary

Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No special measures required.

6.2 Environmental precautions

Normally not necessary.

6.3 Methods and material for containment and cleaning up

Pick up mechanically and dispose of according to Section 13.

6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations

Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.

Observe directions on label and instructions for use.

7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities

Not to be stored in gangways or stair wells.

Store product closed and only in original packing.

Store at room temperature.

Store in a dry place.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Chemical Name	Carbon black	Content %:
WEL-TWA: 3,5 mg/m ³	WEL-STEL: 7 mg/m ³	
BMGV:	Other information:	

WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period) EH40. AGW = "Arbeitsplatzgrenzwert" (workplace limit value, Germany). | WEL-STEL = Workplace Exposure Limit - Short-terme exposure limit (15-minute reference period). | BMGV = Biological monitoring guidance value EH40. BGW = "Biologischer Grenzwert" (biological limit value, Germany) | Other information: Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.

** = The exposure limit for this substance is repealed through the TRGS 900 (Germany) of January 2006 with the goal of revision.

Page 4 / 11

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revised on / Version: 16.05.2013 / 01 Replaces revision of / Version: 20.11.2012 / 00

PDF print date: 16.05.2013

Kebulen-heat-shrinkable-sleeve C 50 Kebulen-heat-shrinkable-tubing C 50

Zink oxide						
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
Workers / employees	Human - inhalation	Long term, systemic effects	DNEL	5	mg/m³	
	Environment - freshwater		PNEC	20,6	μg/l	
	Environment - marine		PNEC	6,1	μg/l	
	Environment - sewage treatment plant		PNEC	52	μg/l	
	Environment - sediment, freshwater		PNEC	118	mg/kg	
	Environment - sediment, marine		PNEC	56,5	mg/kg	
	Environment - soil		PNEC	35,6	mg/kg	

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.

If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.

Applies only if maximum permissible exposure values are listed here.

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.

Wash hands before breaks and at end of work.

Keep away from food, drink and animal feedingstuffs.

Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:

Normally not necessary.

Skin protection - Hand protection:

Normally not necessary.

Protective hand cream recommended.

Protective working garments (e.g. safety shoes EN ISO 20345, Skin protection - Other:

long-sleeved protective working garments)

Respiratory protection: If OES or MEL is exceeded.

Normally not necessary.

Thermal hazards: Not applicable.

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the

Selection of materials derived from glove manufacturer's indications.

Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account. Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use. The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls

Not information available at present.

Page 5 / 11 EN

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revised on / Version: 16.05.2013 / 01 Replaces revision of / Version: 20.11.2012 / 00

PDF print date: 16.05.2013 Kebulen-heat-shrinkable-sleeve C 50 Kebulen-heat-shrinkable-tubing C 50

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Solid

Colour: According to specification

Odour: Characteristic
Odour threshold: Not determined

pH-value: n.a.

Melting point/freezing point: Not determined Initial boiling point and boiling range: Not determined Not determined Flash point: Evaporation rate: Not determined Flammability (solid, gas): Not determined Lower explosive limit: Not determined Upper explosive limit: Not determined Vapour pressure: Not determined Vapour density (air = 1): Not determined Density: Not determined

Bulk density: n.a.

Solubility(ies):

Water solubility:

Partition coefficient (n-octanol/water):

Auto-ignition temperature:

Decomposition temperature:

Viscosity:

Not determined

Not determined

Not determined

Not determined

Not determined

Explosive properties: Product is not explosive

Oxidising properties: No

9.2 Other information

Miscibility: Not determined Fat solubility / solvent: Not determined Conductivity: Not determined Surface tension: Not determined Solvents content: Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

Not to be expected

10.2 Chemical stability

Stable with proper storage and handling.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

See also section 7.

None known.

10.5 Incompatible materials

See also section 7.

None known.

10.6 Hazardous decomposition products

See also section 5.2.

No decomposition when used as directed.

Page 6 / 11 EN

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revised on / Version: 16.05.2013 / 01 Replaces revision of / Version: 20.11.2012 / 00

PDF print date: 16.05.2013 Kebulen-heat-shrinkable-sleeve C 50 Kebulen-heat-shrinkable-tubing C 50

SECTION 11: Toxicological information

Possibly mor information on health effects, see Section 2.1 (classification).

	Kebu-heat-shrinkable-sleeve, Kebulen-heat-shrinkable-tubing							
Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes		
Acute toxicity, by oral						n.d.a		
route:								
Acute toxicity, by dermal						n.d.a		
route:								
Acute toxicity, by						n.d.a		
inhalation:								
Skin corrosion/irritation:						n.d.a		
Serious eye						n.d.a		
damage/irritation								
Respiratory or skin						n.d.a		
sensitisation:								
Germ cell mutagenicity:						n.d.a		
Carcinogenicity:						n.d.a		
Reproductive toxicity:						n.d.a		
Specific target organ						n.d.a		
toxicity - single exposure								
(STOT-SE)								
Specific target organ						n.d.a		
toxicity - repeated								
exposure (STOTRE)								
Aspiration hazard:						n.d.a		
Respiratory tract irritation:						n.d.a		
Repeated dose toxicity:						n.d.a		
Symptoms:						n.d.a		
Other information						This is an article.		

Zinc oxide						
Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LDLo	500	mg/kg	Human being		
Acute toxicity, by oral route:	LD50	>15000	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by dermal route:						Not determined
Acute toxicity, by inhalation:	LC50	>5,7	mg/l/4 h	Rat	OECD 401 (Acute Inhalation Toxicity)	
Skin corrosion/irritation:				Rabbit		Not irritant
Serious eye damage/irritation				Rabbit		Not irritant
Respiratory or skin sensitisation:					OECD 406 (Skin Sensitisation)	Not sensitizising
Germ cell mutagenicity:						Not determined
Carcinogenicity:						Not determined
Reproductive toxicity:						Not determined
Specific target organ toxicity - single exposure (STOT-SE)						Not determined
Specific target organ toxicity - repeated exposure (STOTRE)						Not determined
Aspiration hazard:						Not determined
Respiratory tract irritation:						Not determined

Page 7 / 11

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II Revised on / Version: 16.05.2013 / 01 Replaces revision of / Version: 20.11.2012 / 00

PDF print date: 16.05.2013 Kebulen-heat-shrinkable-sleeve C 50 Kebulen-heat-shrinkable-tubing C 50

Symptoms:		Breathing difficulties,
Symptoms.		
		chest pain (thorax
		pain), diarrhhoea,
		fever, joint pain,
		coughing, headaches,
		circulatory disorders,
		metal fume fever,
		muscle pains,
		mucous membrane
		irritation, nausea and
		vomiting.

Carbon black									
Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes			
Acute toxicity, by oral route:	LD50	>8000	mg/kg	Rat					
Skin corrosion/irritation:				Rabbit	OECD 404 (Acute Dermal Irritation/Corrosion)	Not irritant			
Serious eye damage/irritation				Rabbit		Not irritant			
Germ cell mutagenicity:					OECD 471 (Bacterial Reverse Mutation Test)	Negative			

SECTION 12: Ecological information

Possibly mor information on health effects, see Section 2.1 (classification).

Kebulen-heat-shrinkable-sleeve, Kebulen-heat-shrinkable-tubing								
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes	
Toxicity to fish:							n.d.a.	
Toxicity to daphnia:							n.d.a.	
Toxicity to algae:							n.d.a.	
Persistence and							n.d.a.	
degradability:								
Bioaccumulative							n.d.a.	
potential:								
Mobility in soil:							n.d.a.	
Results of PBT and							n.d.a.	
vPvB assessment								
Other adverse effects:							n.d.a.	

Zinc oxide Toxicity/effect Endooint Time Value Unit Organism Test method Notes										
Toxicity/effect	Endpoint	Time	value	Unit	Organism	Test method	Notes			
Toxicity to fish:	LC50	96h	>320	mg/l	(Lepomis macrochirus)					
Toxicity to daphnia:	EC50	48h	>1000	mg/l	(Daphnia magna)					
Toxicity to algae:	EC50	72h	0,17	mg/l	(Selenastrum capricornutum)					
Persistence and degradability:							Not determined			
Bioaccumulative potential:							Not determined			
Mobility in soil:							Not determined			
Results of PBT and vPvB assessment							Not determined			

Page 8 / 11 EN

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revised on / Version: 16.05.2013 / 01 Replaces revision of / Version: 20.11.2012 / 00

PDF print date: 16.05.2013 Kebulen-heat-shrinkable-sleeve C 50 Kebulen-heat-shrinkable-tubing C 50

Carbon black							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	>1000	mg/l	(Branchydanio rerio)	OECD 203 (Fish, Acute Toxicity Test)	
Toxicity to daphnia:	EC50	24h	>5600	mg/l	(Daphnia magna)	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
Toxicity to algae:	NOEC/ NOEL	72h	10000	mg/l	(Scenedesmus subspicatus)	OECD 201 (Alga, Growth Inhibition Test)	
Water solubility			0			,	

SECTION 13: Disposal considerations

13.1 Waste treatment methods

For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

07 02 13 waste plastic

20 01 39 plastics

Recommendation:

Pay attention to local and national official regulations

E.g. dispose at suitable refuse site.

E.g. suitable incineration plant.

For contaminated packing material

Pay attention to local and national official regulations

Recommendation:

Recycling

SECTION 14: Transport information

General statements

UN number: n.a

Transport by road/by rail (ADR/RID)

UN proper shipping name:

UN 1263 PAINT (SPECIAL PROVISION 640D)

Transport hazard class(es):

Packing group:

Classification code:

LQ (ADR 2011):

LQ (ADR 2009):

n.a.

n.a.

Environmental hazards: Not applicable

Tunnel restriction code:

Transport by sea (IMDG-code)

UN proper shipping name:

Transport hazard class(es):
Packing group:
n.a.
Marine Pollutant:
n.a.

Environmental hazards: Not applicable

Transport by air (IATA)

UN proper shipping name:

Paint

Transport hazard class(es): n.a. Packing group: n.a.

Environmental hazards: Not applicable

Page 9 / 11 EN

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revised on / Version: 16.05.2013 / 01 Replaces revision of / Version: 20.11.2012 / 00

PDF print date: 16.05.2013 Kebulen-heat-shrinkable-sleeve C 50 Kebulen-heat-shrinkable-tubing C 50

Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Non-dangerous material according to Transport Regulations.

SECTION 15: Regulatory information

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

For classification and labeling see Section 2.

Observe restrictions: n.a. VOC (1999/13/EC) n.a.

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

These details refer to the product as it is delivered.

Revised sections: n.a.

The following statements are the indicated R-phrases / H-phrases and classification codes (GHS/CLP) for the ingredients (listed in Section 3).

22 Harmful if swallowed.

50 Very toxic to aquatic organisms.

53 May cause long-term adverse effects in the aquatic environment.

51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Aquatic Acute-Hazardous to the aquatic environment - acute Aquatic Chronic-Hazardous to the aquatic environment - chronic

Legend:

AC Article Categories

acc., acc. to according, according to

ACGIH American Conference of Governmental Industrial Hygienists

ADR Accord europeen relatif au transport international des marchandises Dangereuses par Route (= European

Agreement concerning the International Carriage of Dangerous Goods by Road)

AOEL Acceptable Operator Exposure Level
AOX Adsorbable organic halogen compounds

approx. approximately Art., Art. no. Article number

ATE Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)

BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)

BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety,

Germany)

BCF Bioconcentration factor

BGV Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)

BHT Butylhydroxytoluol (= 2,6-Di-t-butyl-4-methyl-phenol)
BMGV Biological monitoring guidance value (EH40, UK)

BOD Biochemical oxygen demand

BSEF Bromine Science and Environmental Forum

bw body weight

CAS Chemical Abstracts Service

CESIO Comité Europeen des Agents de Surface et de leurs Intermédiaires Organiques

CIPAC Collaborative International Pesticides Analytical Council

CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and

packaging of substances and mixtures)

CMR carcinogenic, mutagenic, reproductive toxic

COD Chemical oxygen demand

CTFA Cosmetic, Toiletry, and Fragrance Association

Page 10 / 11 EN

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revised on / Version: 16.05.2013 / 01 Replaces revision of / Version: 20.11.2012 / 00

PDF print date: 16.05.2013

Kebulen-heat-shrinkable-sleeve C 50 Kebulen-heat-shrinkable-tubing C 50

DMEL Derived Minimum Effect Level
DNEL Derived No Effect Level
DOC Dissolved organic carbon

DT50 Dweil Time - 50% reduction of start concentration

DVS Deutscher Verband für Schweißen und verwandte Verfahren e.v. (= German Association for Welding and Allied

Processes) dry weight

dw

e.g. for example (abbreviation of Latin 'exempli gratia'), for instance

EC European Community
ECHA European Chemicals Agency
EEA European Economic Area
EEC European Economic Community

EINECS European Inventory of Existing Commercial Chemical Substances

ELINCS European list of Notified Chemical Substances

EN European Norms

EPA United States Environmental Protection Agency (United States of America)

ERC Environmental Release Categories

ES Exposure scenario etc. et cetera

EU European Union

EWC European Waste Catalogue

Fax. Fax number gen. general

GHS Globally Harmonized System of Classification and Labelling of Chemicals

GWP Global warming potential

HET-CAM Hen's Egg Test - Chorionallantoic Membrane

HGWP Halocarbon Global Warming Potential
IARC International Agency for Research on Cancer
IATA International Air Transport Association

IBC Intermediate Bulk Container

IBC (Code) International Bulk Chemical (Code)

IC Inhibitory concentration

IMDG-code International Maritime Code for Dangerous Goods

in cl. including, inclusive

IUCLID International Uniform Chemical Information Database

LC lethal concentration

LC50 lethal concentration 50 percent kill LCLo lowest published lethal concentration

LD Lethal Dose of a chemical LOSO Lethal Dose, 50% kill LDLo Lethal Dose Low

LOAEL Lowest Observed Adverse Effect Level LOEC Lowest Observed Effect Concentration

LOEL Lowest Observed Effect Level

LQ Limited Quantities

MARPOL International Convention for the Prevention of Marine Pollution from Ships

n.a. not applicable n.av. not available n.c. not checked n.d.a. no data available

NIOSH National Institute of Occupational Safety and Health (United States of America)

NOAEC No Observed Adverse Effective Concentration

NOAEL No Observed Adverse Effect Level
NOEC No Observed Effect Concentration

NOEL No Observed Effect Level ODP Ozone Depletion Potential

OECD Organisation for Economic Co-operation and Development

org. organic

PAH polycyclic aromatic hydrocarbon PBT persistent, bioaccumulative and toxic

PC Chemical product category

PE Polyethylene

PNEC Predicted No Effect Concentration
POCP Photochemical ozone creation potential

ppm parts per million

Page 11 / 11 EN

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

Revised on / Version: 16.05.2013 / 01 Replaces revision of / Version: 20.11.2012 / 00

PDF print date: 16.05.2013

Kebulen-heat-shrinkable-sleeve C 50 Kebulen-heat-shrinkable-tubing C 50

PROC Process category
PTFE Polytetrafluorethylene

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning

the Registration,

Evaluation, Authorisation and Restriction of Chemicals)

REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other

numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for

processing a submission via REACH-IT.

RID Reglement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation

concerning the International Carriage of Dangerous Goods by Rail)

SADT Self-Accelerating Decomposition Temperature

SAR Structure Activity Relationship

SU Sector of use

SVHC Substances of Very High Concern

Tel. Telephone

ThOD Theoretical oxygen demand

TOC Total organic carbon

TRGS Technische Regeln für Gefahrstoffe (=Technical Regulations for Hazardous Substances)

VbF Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria))

VOC Volatile organic compounds

vPvB very persistent and very bioaccumulative

WEL-TWA, WEL-STEL WEL-TWA = Workplace Exposure limit - Long-term exposure limit (8-hour TWA (= time weighted

average) reference period), WEL-STEL = Workplace Exposure limit - Short-term exposure lim it (1 5-minute

reference period) (EH40, UK). World Health Organization

wwt wet weight

WHO

These statements were made by:

Kebulin-Gesellschaft Kettler GmbH & Co. KG

Ostring 9, D-45701 Herten-Westerholt

Telefon: +49 (0)2 09 96 15-0 Fax: +49 (0)2 09 96 15 190 e-mail: info@kebu.de

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge. No responsibility.