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Safety Data Sheet acc. to OSHA HCS

Printing date 09/23/2016

Reviewed on 09/08/2016

1 Identification

- Product identifier
- Trade name: CILBOND 24
- Article number: R025005-00
- Application of the substance / the mixture Adhesives
- Details of the supplier of the safety data sheet

- Manufacturer/Supplier:

Kommerling UK Ltd 217 Walton Summit Road Bamber Bridge Preston, Lancashire PR5 8AQ United Kingdom +44 (0)1772 322888 +44 (0)1772 315853 sds@cilbond.com (calls from USA: Please dial 01149 instead of +49)

- Information department:

Abteilung: C-U Qualitäts- und Umweltmanagementcenter (department: C-U Quality- and Environmentalmanagementcenter) Tel.: +49 (0)6331/56-2553; Fax.: +49 (0)6331/56-1091 e-Mail: Productsafety@Koe-Chemie.de

Emergency telephone number: In case of poisoning: GBK-EMTEL International Tel.(24h): +49(0)6132/84463 (all languages)

In case of transport accidents: Tel.(24h): (001) 352 323 3500 (Infotrac - Contract ID: 90373 / GBK) (calls from USA: Please dial 01149 instead of +49) - Emergency-Phone from inside USA/Canada (toll free): 1 800 535 5053 (Infotrac - Contract ID: 90373 / GBK)

2 Hazard(s) identification

- Classification of the substance or mixture H225 Highly flammable liquid and vapor. Flam. Liq. 2 Skin Irrit. 2 H315 Causes skin irritation. Eye Dam. 1 H318 Causes serious eye damage. Skin Sens. 1 H317 May cause an allergic skin reaction. Carc. 2 H351 Suspected of causing cancer. Repr. 2 H361 Suspected of damaging fertility or the unborn child. STOT SE 3 H336 May cause drowsiness or dizziness. STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure. Asp. Tox. 1 H304 May be fatal if swallowed and enters airways. Aquatic Acute 2 H401 Toxic to aquatic life.

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Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.	(Contd. of page 1
Label elements	
GHS label elements The product is classified and labeled according to the Globally Harmonized Syste Hazard pictograms	em (GHS).
GHS02 GHS05 GHS07 GHS08	
Signal word Danger	
Hazard-determining components of labeling:	
toluene	
resorcinol butanone	
xylene, mixed isomers, pure	
Hazard statements	
H225 Highly flammable liquid and vapor.	
H315 Causes skin irritation.	
H318 Causes serious eye damage.	
H317 May cause an allergic skin reaction.	
H351 Suspected of causing cancer.	
H361 Suspected of damaging fertility or the unborn child. H336 May cause drowsiness or dizziness.	
H373 May cause damage to organs through prolonged or repeated exposure.	
H304 May be fatal if swallowed and enters airways.	
H401 Toxic to aquatic life.	
H412 Harmful to aquatic life with long lasting effects.	
Precautionary statements	
Keep away from heat/sparks/open flames/hot surfaces. No smoking.	
Keep container tightly closed. Take precautionary measures against static discharge.	
Use only outdoors or in a well-ventilated area.	
Avoid release to the environment.	
Wear protective gloves/protective clothing/eye protection/face protection.	
In case of inadequate ventilation wear respiratory protection.	
Ground/bond container and receiving equipment.	
Use explosion-proof electrical/ventilating/lighting/equipment.	
Use only non-sparking tools.	
Do not breathe mist/vapours/spray. Avoid contact during pregnancy/while nursing.	
Contaminated work clothing must not be allowed out of the workplace.	
IF SWALLOWED: Immediately call a POISON CENTER/ doctor.	
If in eyes: Rinse cautiously with water for several minutes. Remove contact le	enses, if present an
easy to do. Continue rinsing.	
IF INHALED: Remove person to fresh air and keep comfortable for breathing.	
IF exposed or concerned: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention.	
If eye irritation persists: Get medical advice/attention.	
Do NOT induce vomiting.	
In case of fire: Use for extinction: CO2, powder or water spray.	
Take off contaminated clothing and wash it before reuse.	
Store in a well-ventilated place. Keep container tightly closed.	1 1 2
Dispose of contents/container in accordance with local/regional/national/internati	onal regulations.
Other hazards	liate provimity and i
In the event of a large-scale use of the product, ignition sources in the immed low-lying areas, such as welding equipment, bells, heating elements, refrigera- etc. should be switched off! Erect warning signs warning of the hazardous risk of	tors, storage heater

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atmosphere!

- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

3 Composition/information on ingredients

- Chemical characterization: Mixtures

- **Description:** Mixture of several substances

- Dangerous components:			
78-93-3	butanone	20-<40%	
108-88-3	toluene	10-20%	
1330-20-7	xylene, mixed isomers, pure	< 10%	
64742-95-6	hydrocarbons C9, aromatics	< 10%	
100-97-0	methenamine	< 5.0%	
	resorcinol	< 5.0%	
100-41-4	ethylbenzene	< 2.5%	
105-11-3	p-benzoquinone dioxime	< 2.0%	
96-29-7	2-butanone oxime	< 1.0%	
	alt contain OV/UIO cub stances		

- SVHC Doesn't contain SVHC-substances

- Additional information:

CAS-Nr. 64742-95-6 (solventnaphtha [petroleum], light aromatic) => Content of benzene [CAS-Nr.: 71-43-2] < 0,1%

4 First-aid measures

- Description of first aid measures

- After inhalation:

Supply fresh air; consult doctor in case of complaints.

In case of unconsciousness place patient stably in side position for transportation.

- After skin contact: Treat affected skin with cotton wool or cellulose. Then wash and rinse thoroughly with water and a mild cleaning agent.
- After eye contact:

Rinse opened eye for several minutes under running water. Then consult a doctor.

- After swallowing: Do not induce vomiting; immediately call for medical help.
- Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- Indication of any immediate medical attention and special treatment needed No further relevant information available.

5 Fire-fighting measures

- Extinguishing media
- **Suitable extinguishing agents:** Water spray Alcohol resistant foam Fire-extinguishing powder Carbon dioxide
- For safety reasons unsuitable extinguishing agents: Water with full jet
- Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

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- Advice for firefighters

- Protective equipment: Wear self-contained respiratory protective device.

6 Accidental release measures

- Personal precautions, protective equipment and emergency procedures Ensure adequate ventilation Keep away from ignition sources
- Use respiratory protective device against the effects of fumes/dust/aerosol.
- Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- Methods and material for containment and cleaning up: Pick up mechanically.

- Reference to other sections

See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage

- Handling:
- Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
- Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Fumes can combine with air to form an explosive mixture.

- Conditions for safe storage, including any incompatibilities
- Storage:
- Requirements to be met by storerooms and receptacles: Prevent any seepage into the ground.
- Information about storage in one common storage facility: Store away from foodstuffs.
- Further information about storage conditions: Protect from frost.

Keep receptacle tightly sealed.

Protect from heat and direct sunlight.

Store receptacle in a well ventilated area.

Store in dry conditions.

- Storage class (according german VCI-concept): 3
- Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.

- Control parameters

- Components with limit values that require monitoring at the workplace:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

78-93-3 butanone		
PEL (USA)	Long-term value: 590 mg/m ³ , 200 ppm	
	Short-term value: 885 mg/m³, 300 ppm Long-term value: 590 mg/m³, 200 ppm	
	Short-term value: 885 mg/m³, 300 ppm Long-term value: 590 mg/m³, 200 ppm BEI	
	Short-term value: 900 mg/m³, 300 ppm Long-term value: 600 mg/m³, 200 ppm	
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108-88-3 t	aluara		(Contd. of page
PEL (USA)	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift	
REL (USA)	Short-term value: 560 mg/m³, 150 ppm Long-term value: 375 mg/m³, 100 ppm	
TLV (USA)	Long-term value: 75 mg/m³, 20 ppm BEI	
108-46-3 r	esorcinol	·	
REL (USA)	Short-term value: 90 mg/m³, 20 ppm Long-term value: 45 mg/m³, 10 ppm	
TLV (USA		Short-term value: 90 mg/m³, 20 ppm Long-term value: 45 mg/m³, 10 ppm	
		Long-term value: 45 mg/m³, 10 ppm Skin	
100-41-4	ethylbenzene		
PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm	
REL (USA)	Short-term value: 545 mg/m³, 125 ppm Long-term value: 435 mg/m³, 100 ppm	
TLV (USA)	Long-term value: 87 mg/m³, 20 ppm BEI	
IOELV (Eu	ıropean Union)	Short-term value: 884 mg/m³, 200 ppm Long-term value: 442 mg/m³, 100 ppm Skin	
96-29-7 2-	butanone oxin	ne	
WEEL (US	SA)	Long-term value: 10 ppm DSEN	
- Ingredien	ts with biologi	cal limit values:	
78-93-3 bi	Itanone		
10-33-3 DU			
BEI (USA)			
)	
	2 mg/L Medium: urine Time: end of s	shift	
	2 mg/L Medium: urine	shift	
BEI (USA) 108-88-3 t	2 mg/L Medium: urine Time: end of s Parameter: M oluene	shift	
BEI (USA) 108-88-3 t	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L	shift EK	
BEI (USA) 108-88-3 t	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L Medium: blood	shift EK	
BEI (USA) 108-88-3 t	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L Medium: blood	shift EK d last shift of workweek	
BEI (USA) 108-88-3 t	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L Medium: blood Time: prior to Parameter: To	shift EK d last shift of workweek	
BEI (USA) 108-88-3 t	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L Medium: blood Time: prior to	shift EK d last shift of workweek oluene	
BEI (USA) 108-88-3 t	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L Medium: blood Time: prior to Parameter: To 0.03 mg/L Medium: urine Time: end of s	shift EK d last shift of workweek oluene shift	
BEI (USA) 108-88-3 t	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L Medium: blood Time: prior to Parameter: To 0.03 mg/L Medium: urine Time: end of s Parameter: To	shift EK d last shift of workweek oluene shift oluene	
BEI (USA) 108-88-3 t	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L Medium: blood Time: prior to Parameter: To 0.03 mg/L Medium: urine Time: end of s Parameter: To 0.3 mg/g creat	shift EK d last shift of workweek oluene shift oluene tinine	
BEI (USA) 108-88-3 t	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L Medium: blood Time: prior to Parameter: To 0.03 mg/L Medium: urine Time: end of s Parameter: To 0.3 mg/g creat Medium: urine	shift EK d last shift of workweek oluene shift oluene tinine	
BEI (USA) 108-88-3 t	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L Medium: blood Time: prior to Parameter: To 0.03 mg/L Medium: urine Time: end of s Parameter: To 0.3 mg/g creat Medium: urine Time: end of s	shift EK d last shift of workweek pluene shift pluene tinine	
BEI (USA) 108-88-3 t BEI (USA)	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L Medium: blood Time: prior to Parameter: To 0.03 mg/L Medium: urine Time: end of s Parameter: To 0.3 mg/g creat Medium: urine Time: end of s Parameter: o-	shift EK d last shift of workweek bluene shift bluene tinine shift Cresol with hydrolysis (background)	
BEI (USA) 108-88-3 t BEI (USA) 1330-20-7	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L Medium: blood Time: prior to Parameter: To 0.03 mg/L Medium: urine Time: end of s Parameter: To 0.3 mg/g crea Medium: urine Time: end of s Parameter: o- xylene, mixed	shift EK d last shift of workweek oluene shift oluene tinine shift Cresol with hydrolysis (background) isomers, pure	
BEI (USA) 108-88-3 t BEI (USA) 1330-20-7	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L Medium: blood Time: prior to Parameter: To 0.03 mg/L Medium: urine Time: end of s Parameter: To 0.3 mg/g creat Medium: urine Time: end of s Parameter: o- xylene, mixed 1.5 g/g creatin	shift EK d last shift of workweek oluene shift oluene tinine shift Cresol with hydrolysis (background) isomers, pure nine	
BEI (USA) 108-88-3 t BEI (USA) 1330-20-7	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L Medium: blood Time: prior to Parameter: To 0.03 mg/L Medium: urine Time: end of s Parameter: To 0.3 mg/g crea Medium: urine Time: end of s Parameter: o- xylene, mixed	shift EK d last shift of workweek oluene shift oluene tinine shift Cresol with hydrolysis (background) isomers, pure	
BEI (USA) 108-88-3 t BEI (USA) 1330-20-7	2 mg/L Medium: urine Time: end of s Parameter: M oluene 0.02 mg/L Medium: blood Time: prior to Parameter: To 0.03 mg/L Medium: urine Time: end of s Parameter: To 0.3 mg/g creat Medium: urine Time: end of s Parameter: o- xylene, mixed 1.5 g/g creatin Medium: urine Time: end of s	shift EK d last shift of workweek oluene shift oluene tinine shift Cresol with hydrolysis (background) isomers, pure	

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100-41-4 ethylbenzer	
Paramete quantitative -	rine of shift at end of workweek r: Sum of mandelic acid and phenylglyoxylic acid (nonspecific, semi- e) nd-exhaled air
Parameter	Ethyl benzene (semi-quantitative)
9mg/m ³ [Systemic effe	ect Level) / Workers / Exposure via inhalation route: cts - Long term exposure] lue): 0,3 ml/m³; 1 mg/m³ (according german regulation, concerning maximum
The usual precautional Keep away from foods Wash hands before br Immediately remove a - Breathing equipment A2 (DIN EN 14387 / D Selective extraction of closely as possible to away from the face in needs to be homoge capable of meeting the Where selective extr apparatus must be use - Protection of hands: Direct contact with the	Ad hygienic measures: ry measures for handling chemicals should be followed. tuffs, beverages and feed. eaks and at the end of work. I soiled and contaminated clothing. : N EN 141) of the vapours is preferably recommended at the workplace. Extraction as where the vapours are produced. The vapours are heavier than air. Extraction a downward direction is hence advantageous. An alternative room ventilation hous with a defined air exchange. The air exchange for the room must be occupational exposure limits stated in chapter 8. action and/or room ventilation is impossible, a self-contained breathing ad for more intensive and/or longer exposure. chemical preparation must be avoided by organizational measures. Apply skin
product after the work. Compliance with the s The gloves need to be - For the permanent co If longer exposure to to strain is recommende	ting with gloves to avoid skin swellings and use a skin cleansing and skincare ated penetration time (starts with the first product contact) must be ensured! disposed of after the penetration time and new gloves used! Intact gloves made of the following materials are suitable: he chemical preparation is necessary, a sturdy overglove against mechanical d in combination with the "Barrier 02-100" underglove from Ansell (penetration
materials are suitable Fluorinated rubber (Vit - As protection from s Recommended for pro with long cuffs. After	on) [0.7mm - penetration time 15 min] blashes gloves made of the following materials are suitable: tection from splashes: disposable nitrile gloves (minimum thickness 0.12 mm) contact with the chemical preparation, take the disposable nitrile glove off a new disposable nitrile glove. y glasses
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9 Physical and chemical pr	operties	
- Information on basic physical	and chemical properties	
- General Information		
- Appearance: Form:	Fluid	
Color:	Black	
- Odor:	Solvent-like	
 Change in condition Boiling point/Boiling range: 	80 °C (176 °F)	
- Flash point:	-6 °C (21 °F)	
- Ignition temperature:	430 °C (806 °F)	
- Explosion limits:		
Lower:	1.0 Vol %	
Upper:	11.5 Vol %	
- Vapor pressure at 20 °C (68 °F): 104 hPa (78 mm Hg)		
- Density at 20 °C (68 °F):	0.94 g/cm ³ (7.844 lbs/gal)	
- Solubility in / Miscibility with		
Water:	Partly soluble.	
- Solvent content:		
Organic solvents:	77.6 %	
VOC content:	78.4 %	
	705.3 g/l / 5.89 lb/gl	
- Other information	No further relevant information available.	

10 Stability and reactivity

- Reactivity No further relevant information available.

- Chemical stability
- Thermal decomposition / conditions to be avoided:

To avoid thermal decomposition do not overheat.

- Possibility of hazardous reactions Reacts with strong acids and oxidizing agents.
- Conditions to avoid No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products:

None, if used according to instructions and stored according to regulations

11 Toxicological information

- Information on toxicological effects
- Acute toxicity:

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- LD/LC50 values that are relevant for classification:

ATE (Acu	te Toxicity	y Estimates)
Oral	LD50	2667 mg/kg
Dermal	LD50	13114 mg/kg
Inhalative	LC50/4 h	46.7 mg/l
108-88-3 t	oluene	
Oral	LD50	5000 mg/kg (rat)
Dermal	LD50	12124 mg/kg (rab)
Inhalative	LC50/4 h	5320 mg/l (mus)
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1330-20-7	xylene, m	nixed isomers, pure
Oral	LD50	3523 mg/kg (rat)
Dermal	LD50	1100 mg/kg (ATE)
Inhalative	LC50/4 h	11 mg/l (ATE)
108-46-3 r	resorcinol	
Oral	LD50	500 mg/kg (ATE)
100-41-4 e	ethylbenze	ene
Oral	LD50	3500 mg/kg (rat)
Dermal	LD50	17800 mg/kg (rbt)
Inhalative	LC50/4 h	11 mg/l (ATE)
105-11-3 p	o-benzoqu	uinone dioxime
Oral	LD50	500 mg/kg (ATE)
7782-49-2	selenium	
Oral	LD50	100 mg/kg (ATE)
Inhalative	LC50/4 h	3 mg/l (ATE)
	i n: Irritant	to skin and mucous membranes. gical information:
Harmful		
The proce		subsequent hardening (vulcanization) of the product generates methylethyl
		O), which vaporizes. Long-term exposure to MEKO can harm nasal mucosa. gh concentrations (e.g. with insufficient ventilation and/or extraction) over long
		cause irreversible damage to health!

- Carcinogenic categories

- IARC (International Agency for Research on Cancer)				
	xylene, mixed isomers, pure	3		
128-37-0	2,6-di-tert-butyl-p-cresol	3		
- NTP (National Toxicology Program)				
None of the ingredients is listed.				
- OSHA-Ca (Occupational Safety & Health Administration)				
None of the ingredients is listed.				

12 Ecological information

- Toxicity

- Aquatic toxicity:

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment - **Persistence and degradability** No further relevant information available.

- Behavior in environmental systems:
- Bioaccumulative potential No further relevant information available.
- Mobility in soil No further relevant information available.
- Additional ecological information:
- General notes: Do not allow product to reach ground water, water course or sewage system.
- Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- vPvB: Not applicable.
- Other adverse effects No further relevant information available.

13 Disposal considerations

- Waste treatment methods

- Recommendation: Disposal in accordance with official regulations

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- Uncleaned packagings:
- Recommendation: Disposal must be made according to official regulations.

UN-Number	
DOT, ADR, RID, ADN, IMDG, IATA	UN1133
UN proper shipping name DOT ADR/RID/ADN IMDG, IATA	Adhesives 1133 Adhesives ADHESIVES
Transport hazard class(es)	ADHESIVES
RAMMARE LOOK	
· Class · Label	3 Flammable liquids
ADR,RID,ADN, IMDG, IATA	5
Class Label	3 Flammable liquids 3
Packing group DOT, ADR,RID,ADN, IMDG, IATA	II
Environmental hazards: Marine pollutant:	Yes
Special precautions for user Danger code (Kemler):	Warning: Flammable liquids 30
EMS Number:	F-E,S-D
Stowage Category	A
Transport in bulk according to Annex MARPOL73/78 and the IBC Code	Il of Not applicable.
Transport/Additional information:	
ADR/RID/ADN Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
IMDG Limited quantities (LQ) Excepted quantities (EQ)	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN 1133 ADHESIVES, 3, II

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- Section 355 (extremely hazardous substances):	
None of the ingredient is listed.	
- Section 313 (Specific toxic chemical listings):	
1330-20-7 xylene, mixed isomers, pure	
78-93-3 butanone	
67-56-1 methanol	
- TSCA (Toxic Substances Control Act):	
All ingredients are listed.	
- Proposition 65	
- Chemicals known to cause cancer:	
None of the ingredients is listed.	
- Chemicals known to cause reproductive toxicity for females:	
None of the ingredients is listed.	
- Chemicals known to cause reproductive toxicity for males:	
None of the ingredients is listed.	
- Chemicals known to cause developmental toxicity:	
67-56-1 methanol	
- Cancerogenity categories	
- EPA (Environmental Protection Agency)	
1330-20-7 xylene, mixed isomers, pure	
78-93-3 butanone	
- TLV (Threshold Limit Value established by ACGIH)	
	A
1330-20-7 xylene, mixed isomers, pure	A
128-37-0 2,6-di-tert-butyl-p-cresol	A
128-37-02,6-di-tert-butyl-p-cresol77-58-7dibutyltin dilaurate	I
128-37-0 2,6-di-tert-butyl-p-cresol 77-58-7 dibutyltin dilaurate - MAK (German Maximum Workplace Concentration) 128-37-0 2,6-di-tert-butyl-p-cresol	
128-37-0 2,6-di-tert-butyl-p-cresol 77-58-7 dibutyltin dilaurate - MAK (German Maximum Workplace Concentration)	

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.

For industrial use only.

- Department issuing SDS:
- Date of preparation / last revision 09/23/2016 / -
- Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

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IATA: International Air Transport Association		
ACGIH: American Conference of Governmental Industrial Hygienists		
EINECS: European Inventory of Existing Commercial Chemical Substances		
ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society)		
VOC: Volatile Organic Compounds (USA, EU)		
LC50: Lethal concentration, 50 percent		
LD50: Lethal dose, 50 percent		
PBT: Persistent, Bioaccumulative and Toxic		
SVHC: Substances of Very High Concern		
vPvB: very Persistent and very Bioaccumulative		
NIOSH: National Institute for Occupational Safety		
OSHA: Occupational Safety & Health		
TLV: Threshold Limit Value		
PEL: Permissible Exposure Limit		
REL: Recommended Exposure Limit		
BEI: Biological Exposure Limit		
Flam. Lig. 2: Flammable liquids – Category 2		
Skin Irrit. 2: Skin corrosion/irritation – Category 2		
Eye Dam. 1: Serious eye damage/eye irritation – Category 1		
Skin Sens. 1: Skin sensitisation – Category 1		
Carc. 2: Carcinogenicity – Category 2		
Repr. 2: Reproductive toxicity – Category 2		
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3		
STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2		
Asp. Tox. 1: Aspiration hazard – Category 1		
Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard – Category 2		
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3		
		s —