Article Print o Versio	date: 09.11.20	15 Revision date: 20.	10.2015	20332 EN Page 1 / 8		
	SECTION 1: Identi	fication of the substance	/mixture and of the c	ompany/undertaking		
1.1.	Product identifiers					
	Article No. (manufact		4517-8304 INDUSTRIEÖL-GRUN	ID HONIG		
1.2. Relevant identified uses of the substance or mixture and uses advised against						
	Relevant identified uses: Paint / Accessory material for the treatment of surface by the industrial user.					
1.3.	••	er of the safety data sheet				
	supplier (manufactu Kneho-Lacke GmbH Wilberger Strasse 98 D-32805 Horn-Bad-M		er/distributor) Telephone: +49 5234 (Telefax: +49 5234 840			
	Dept. responsible fo laboratory					
	E-mail		notruf@kneho.com			
1.4.	Emergency telephor		10 5004 9400 0			
	Only available during Emergency telephone		+49 5234 8402-0 +49 5234 840245			
	SECTION 2: Hazar					
2.1.		substance or mixture				
		ding to Regulation (EC) No.				
This mixture is classified as hazardous according to regulation (EC) No. 1272/2008 [CLP]. Flam. Liq. 3 / H226 flammable liquids Flammable liquid and vapour.				Flammable liquid and vapour.		
	Aquatic Chronic 3 / H		quatic environment	Harmful to aquatic life with long lasting effects.		
2.2.	Label elements					
	Labelling according	to Regulation (EC) No. 1272	2/2008 [CLP]			
	Hazard pictograms					
	Warni	ng				
	Hazard statements					
	H226	Flammable liquid and vapou				
	H412	Harmful to aquatic life with lo	ong lasting effects.			
	Precautionary stater P210		irfaces sparks open flar	nes and other ignition sources. No smoking.		
	P243	Take precautionary measure				
	P273	Avoid release to the environ				
	P280 P303 + P361 + P353	Wear protective gloves/prote		ction/face protection. all contaminated clothing. Rinse skin with		
		water/shower.		an oontarinnatoo olotining. Tanoo olan war		
	P501	Dispose of contents/contained	er to industrial incineratio	n plant.		
	contains:	not applicable				
	Supplemental Hazar					
	EUH066	Repeated exposure may cau	use skin dryness or crack	king.		
	EUH208			oat).May produce an allergic reaction.		
2.3.	Other hazards					
	SECTION 3: Comp	osition / information on i	ngredients			
3.2.	Mixtures					

3.2. Mixtures

Product description / chemical characterizationDescriptionVegetable oils in dearomatizited benzinsHazardous ingredients

No.: late: on:	4517-8304 09.11.2015 000001-0015	INDUSTRIEÖL-GRUND HONIG Revision date: 20.10.2015 Issue date: 20.10.2015	20332 EN Page 2 / 8	
Classifica	tion according to	Regulation (EC) No. 1272/2008 [CLP]		
EC No.	REAC			
CAS No. INDEX No		cal name ication		Wt % Remark
918-481-9	Hydroc	9457273-39 arbons, C10-C13, n-alkanes, isoalkane ox. 1 H304	s, cyclics, < 2% aromatics	20 < 35
927-241-2	Kohlen Flam.	9471843-32 wasserstoffe, C9-C10, n-Alkane, Isoalka Liq. 3 H226 / Asp. Tox. 1 H304 / c 3 H412		7,5 < 10
265-198-5 64742-94- 649-424-0	5 Solven	9463583-34-0000 t naphtha (petroleum), heavy arom. Ke bx. 1 H304 / STOT SE 3 H336 / Aqua		7,5 < 10
923-037-2	Kohlen	9471991-29 wasserstoffe, C10-C12, Isoalkane, < 29 .iq. 3 H226 / Asp. Tox. 1 H304 / Aqu		1 < 2
202-496-6 96-29-7 616-014-0	2-butar	none oxime 2 H351 / Acute Tox. 4 H312 / Eye		0,25 < 0,5
205-250-6 136-52-7	Cobalti Eye Irr	9524678-29 pis(2-ethylhexanoat) it. 2 H319 / Skin Sens. 1 H317 / Re / Aquatic Chronic 1 H410	epr. 2 H361f / Aquatic Acute 1	0,1 < 0,25
263-186-4 61791-53-	5	orr. 1B H314 / Aquatic Acute 1 H400		0,1 < 0,25
245-018-1 22464-99-	9 2-Ethyl	9979088-21 hexansäure, Zirkoniumsalz 2 H361d		0,1 < 0,25

Full text of classification: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

In case of inhalation

Remove casualty to fresh air and keep warm and at rest. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Do not use solvents or thinners.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious). Seek medical advice immediately. Keep victim calm. Do NOT induce vomiting.

4.2. **Most important symptoms and effects, both acute and delayed** In all cases of doubt, or when symptoms persist, seek medical advice.

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

SECTION 5: Firefighting measures

Article No.:	4517-8304	INDUSTRIEÖL-GRUND HONIG	
Print date:	09.11.2015	Revision date: 20.10.2015	20332 EN
Version:	000001-0015	Issue date: 20.10.2015	Page 3 / 8

Suitable extinguishing media

alcohol resistant foam, carbon dioxide, Powder, spray mist, (water)

Extinguishing media which must not be used for safety reasons: strong water jet

5.2. Special hazards arising from the substance or mixture

Dense black smoke occurs during fire. Inhaling hazardous decomposing products can cause serious health damage.

5.3. Advice for firefighters

Provide a conveniently located respiratory protective device. Cool closed containers that are near the source of the fire. Do not allow water used to extinguish fire to enter drains, ground or waterways. Treat runoff as hazardous.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Keep away from sources of ignition. Ventilate affected area. Do not breathe vapours.

6.2. Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Isolate leaked material using non-flammable absorption agent (e.g. sand, earth, vermiculit, diatomaceous earth) and collect it for disposal in appropriate containers in accordance with the local regulations (see chapter 13). Clean using cleansing agents. Do not use solvents.

6.4. Reference to other sections

Observe protective provisions (see chapter 7 and 8).

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advices on safe handling

Avoid formation of flammable and explosive vapour concentrations in the air and exceeding the exposure limit values. Only use the material in places where open light, fire and other flammable sources can be kept away. Electrical equipment must be protected meeting the accepted standard. Product may become electrostatically charged. Provide earthing of containers, equipment, pumps and ventilation facilities. Anti-static clothing including shoes are recommended. Floors must be electrically conductive. Keep away from heat sources, sparks and open flames. Use only spark proof tools. Avoid contact with skin, eyes and clothes. Do not inhale dusts, particulates and spray mist when using this preparation. Avoid respiration of swarf. When using do not eat, drink or smoke. Personal protection equipment: refer to chapter 8. Do not empty containers with pressure - no pressure vessel! Always keep in containers that correspond to the material of the original container. Follow the legal protection and safety regulations.

Precautions against fire and explosion:

Vapours are heavier than air. Vapours form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Storage in accordance with the Ordinance on Industrial Safety and Health (BetrSiVO). Keep container tightly closed. Do not empty containers with pressure - no pressure vessel! Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks. Soils have to conform to the "Guidelines for avoidance of ignition hazards due to electrostatic charges (BGR 132)".

Hints on joint storage

Keep away from strongly acidic and alkaline materials as well as oxidizers.

Further information on storage conditions

Take care of instructions on label. Store in a well-ventilated and dry room at temperatures between 5 °C and 30 °C. Protect from heat and direct sunlight. Keep container tightly closed. Remove all sources of ignition. Smoking is forbidden. Access only for authorised persons. Store carefully closed containers upright to prevent any leaks.

7.3. Specific end use(s)

Observe technical data sheet. Observe instructions for use.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limit values:

Article No.: Print date: Version:	4517-8304 09.11.2015 000001-0015	INDUSTRIEÖL-GRUND HONIG Revision date: 20.10.2015 Issue date: 20.10.2015	20332 EN Page 4 / 8				
INDEX		C No. 202-436-9 / CAS No. 95-63-6					
WEL,	WEL, TWA: 125 mg/m3; 25 ppm						
TWA : STEL :	onal information long-term occupationa short-term occupation : peak limitation						
DNEL:							
INDEX DNEI DNEI DNEI DNEI DNEI DNEI	acute dermal, short-te long-term dermal (syst long-term inhalative (long-term inhalative (acute dermal, short-te long-term dermal (syst long-term inhalative (C No. 202-496-6 / CAS No. 96-29-7 erm (systemic), Workers: 2,5 mg/kg stemic), Workers: 1,3 mg/kg local), Workers: 3,33 mg/m ³ systemic), Workers: 9 mg/m ³ erm (systemic), Consumer: 1,5 mg/kg stemic), Consumer: 0,78 mg/kg local), Consumer: 2 mg/m ³ systemic), Consumer: 2,7 mg/m ³					
Cobalt EC No DNEL	bis(2-ethylhexanoat) . 205-250-6 / CAS No. . long-term inhalative (
EC No DNEL DNEL DNEL DNEL	long-term inhalative (long-term oral (repea long-term dermal (sys						
EC No DNEI DNEI DNEI	. 927-241-2 - long-term dermal (sys - long-term inhalative (- long-term dermal (sys	n-Alkane, Isoalkane, Cyclene, < 2% Aron stemic), Workers: 208 mg/kg bw/day systemic), Workers: 871 mg/m ³ stemic), Consumer: 125 mg/kg bw/day nic), Consumer: 125 mg/kg bw/day	naten				
PNEC:							
INDEX PNEC PNEC	none oxime No. 616-014-00-0 / EC C aquatic, freshwater: (C aquatic, intermittent r C sewage treatment pla	elease: 0,118 mg/L					
2-Ethyl EC No PNEC PNEC PNEC PNEC	hexansäure, Zirkoniun . 245-018-1CAS No. 22 C aquatic, freshwater: (C aquatic, marine wate C sediment, freshwater C sediment, marine wa C, Soil: 1,06 mg/kg C sewage treatment pla	nsalz 2464-99-9),36 mg/L r: 0,036 mg/L : 6,37 mg/kg ter: 0,637 mg/kg					
8.2. Expos Provide	ure controls e good ventilation. This		ion. If this should not be sufficient to keep aerosol an e respiratory protection must be used.				

Occupational exposure controls

Respiratory protection

If concentration of solvents is beyond the occupational exposure limit values, approved and suitable respiratory protection must be used. Observe the wear time limits according GefStoffV in combination with the rules for using respiratory protection apparatus (BGR 190). Use only respiratory protection equipment with CE-symbol including four digit test number.Filter type:

Article No.:	4517-8304	INDUSTRIEÖL-GRUND HONIG	
Print date:	09.11.2015	Revision date: 20.10.2015	20332 EN
Version:	000001-0015	Issue date: 20.10.2015	Page 5 / 8

A2-P2 (EN 141, 143, 371)

Hand protection

For prolonged or repeated handling the following glove material must be used: Latex gloves

Thickness of the glove material > 0,4 mm ; Breakthrough time (maximum wearing time) > 480 min.

Observe the instructions and details for use, storage, maintenance and replacement provided by the protective glove manufacturer. Penetration time of glove material depending on intensity and duration of exposure to skin. Recommended glove articles DIN EN 374

Barrier creams can help protecting exposed skin areas. In no case should they be used after contact.

Eye protection

Wear closely fitting protective glasses in case of splashes.

Protective clothing

Wear antistatic clothing of natural fibers (cotton) or heat resistant synthetic fibers.

Protective measures

After contact clean skin thoroughly with water and soap or use appropriate cleanser.

Environmental exposure controls

Do not allow to enter into surface water or drains. See chapter 7. No additional measures necessary.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:				
Physical state	iquid			
Colour r	efer to label			
Odour k	kind-typically			
Safety relevant basis data		Unit	Method	Remark
Flash point:	> 23	°C		
Ignition temperature in °C:	200	°C		
Lower explosion limit:	0,6	Vol-%		
Upper explosion limit:	7,0	Vol-%		
Vapour pressure at 20 °C:	0,88	mbar		
Density at 20 °C:	0,98	g/cm³		
Water solubility (g/L):	insoluble			
pH at 20 °C:	-			
Viscosity at 20 °C:	20 s 4 mm		DIN 53211	
Solvent separation test (%):	< 3	%	ADR/RID	
Solid content (%):	48,44	Wt %		
solvent content:				
Organic solvents:	52	Wt %		
Water:	0	Wt %		
Initial boiling point and boiling rar	nge: 147	°C		
Other information				

SECTION 10: Stability and reactivity

10.1. Reactivity

9.2.

10.2. Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to chapter 7.

10.3. Possibility of hazardous reactions

Keep away from strong acids, strong bases and strong oxidizing agents to avoid exothermic reactions.

10.4. Conditions to avoid

Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures, e.g.: carbon dioxide, carbon monoxide, smoke, nitrogen oxides. No known hazardous decomposition products.

SECTION 11: Toxicological information

Article Print c Versio	late:	4517-8304 09.11.2015 000001-0015	INDUSTRIEÖL-GRUND HONIG Revision date: 20.10.2015 Issue date: 20.10.2015	20332 EN Page 6 / 8			
		on according to Reg preparation itself a	ulation (EC) No. 1272/2008 [CLP]				
11 1	Information on toxicological effects						
	Acute toxicity						
	2-butanone oxime oral, LD50, Rat: 2300 - 3700 mg/kg dermal, LD50, Rabbit: 1800 mg/kg						
Kohlenwasserstoffe, C10-C12, Isoalkane, < 2% Aromaten oral, LD50, Rat: > 5000 mg/kg dermal, LD50, Rabbit: > 5000 mg/kg inhalative (vapours), LC50, Rat: > 5000 mg/L (4 h) Solvent naphtha (petroleum), heavy arom. Kerosine - unspecified oral, LD50, Rat: > 2000 mg/kg dermal, LD50, Rabbit: > 2000 mg/kg							
				I			
Kohlenwasserstoffe, C9-C10, n-Alkane, Isoalkane, Cyclene, < oral, LD50, Rat: > 5000 mg/kg dermal, LD50, Rabbit: > 5000 mg/kg inhalative (vapours), LC50, Rat: > 4951 mg/L (4 h)			g) mg/kg	Aromaten			
	oral, LD50 dermal, Ll), Rat: > 5000 mg/k D50, Rabbit: > 5000		matics			
	skin corrosion/irritation; Serious eye damage/eye irritation						
	Toxicological data are not available.						
	Respirator	y or skin sensitisa	tion				
	Toxicologic	al data are not avai	lable.				
	Specific target organ toxicity						
	Toxicological data are not available.						
	Aspiration	Aspiration hazard					
	Toxicologic	al data are not avai	lable.				
	Practical e	xperience/human	evidence				
	Other obse	rvations:					

Inhaling of solvent components above the MWC-value can lead to health damage, e.g. irritation of the mucous membrane and respiratory organs, as well as damage to the liver, kidneys and the central nerve system. Indications for this are: headache, dizziness, fatigue, amyosthenia, drowsiness, in serious cases: unconsciousness. Solvents may cause some of the aforementioned effects through skin resorption. Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and/or absorption through skin. Splashing may cause eye irritation and reversible damage.

Overall Assessment on CMR properties

The ingredients in this mixture do not meet the criteria for classification as CMR category 1A or 1B according to CLP.

Remark

There is no information available on the preparation itself .

SECTION 12: Ecological information

overall evaluation

Classification according to Regulation (EC) No. 1272/2008 [CLP] There is no information available on the preparation itself . Do not allow to enter into surface water or drains.

12.1. Toxicity

2-butanone oxime

Algae toxicity, ErC50, Desmodesmus subspicatus.: 83 mg/L (72 h) Solvent naphtha (petroleum), heavy arom. Kerosine - unspecified Fish toxicity, LC50: 1 - 10 mg/L (96 h) Daphnia toxicity, EC50: 1 - 10 mg/L (48 h)

Article No.: Print date: Version:	09.11.2015	INDUSTRIEÖL-GRUND HONIG Revision date: 20.10.2015 Issue date: 20.10.2015	20332 EN Page 7 / 8		
Algae t	oxicity, ErC50: 1 - 10 n	ng/L			
Fish to Daphni			ics		
	nce and degradability gical data are not availa	ble.			
	Bioaccumulative potential Toxicological data are not available.				
12.4. Mobility Toxicolog	in soil gical data are not availa	ble.			
12.5. Results	of PBT assessment				
The subs	stances in the mixture de	o not meet the PBT/vPvB criteria acco	ording to REACH, annex XIII.		
12.6. Other ac	lverse effects				
SECTIC	N 13: Disposal cons	siderations			
13.1. Waste tr	eatment methods				
Appropr	iate disposal / Produc				
Appropr Recomn Do not a	iate disposal / Production nendation Illow to enter into surfaction	t	its container must be disposed of in a safe way. Waste erous waste.		
Appropr Recomn Do not a disposal	riate disposal / Product nendation Illow to enter into surfact according to directive 2 roposed waste codes/ waste pai	t e water or drains. This material and	erous waste. with EWC		
Appropr Recomn Do not a disposal List of p 080111 packagin Recomn	riate disposal / Product mendation Illow to enter into surfact according to directive 2 roposed waste codes/ waste pai other dan ng mendation	t we water or drains. This material and 008/98/EC, covering waste and dange waste designations in accordance of nt and varnish containing organic solv	erous waste. with EWC /ents or		
Appropr Recomn Do not a disposal List of p 080111 packagin Recomn Non-com	riate disposal / Product mendation Illow to enter into surfact according to directive 2 roposed waste codes/ waste pai other dan ng mendation	t we water or drains. This material and 008/98/EC, covering waste and dange waste designations in accordance nt and varnish containing organic solv gerous substances y be recycled. Vessels not properly e	erous waste. with EWC /ents or		
Appropr Recomn Do not a disposal List of p 080111 packagin Recomn Non-com	riate disposal / Product mendation Illow to enter into surface according to directive 2 roposed waste codes/ waste pai other dan ng mendation taminated packages ma DN 14: Transport info	t we water or drains. This material and 008/98/EC, covering waste and dange waste designations in accordance of and varnish containing organic solv gerous substances y be recycled. Vessels not properly er prmation	erous waste. with EWC /ents or		
Appropr Recomn Do not a disposal List of p 080111 packagin Recomn Non-com SECTIC 14.1. UN numb	riate disposal / Product mendation illow to enter into surfact according to directive 2 roposed waste codes/ waste pai other dan ng mendation taminated packages ma DN 14: Transport info	t we water or drains. This material and 008/98/EC, covering waste and dange waste designations in accordance nt and varnish containing organic solv gerous substances y be recycled. Vessels not properly e	erous waste. with EWC /ents or		
Appropr Recomm Do not a disposal List of p 080111 packagin Recomm Non-com SECTIC 14.1. UN numb 14.2. UN prope Land tran Sea trans	riate disposal / Product mendation Illow to enter into surface according to directive 2 roposed waste codes/ waste pai other dan ng mendation taminated packages ma DN 14: Transport info	t we water or drains. This material and 008/98/EC, covering waste and dange waste designations in accordance waste and varnish containing organic solv gerous substances y be recycled. Vessels not properly en prmation 1263 Paint PAINT	erous waste. with EWC /ents or		

14.4. Packing group

14.4.		III
14.5.	Environmental hazards	
	Land transport (ADR/RID)	not applicable
	Marine pollutant	not applicable

14.6. Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

Additional information

Land transport (ADR/RID)

tunnel restriction code

D/E SONDERVORSCHRIFT 640E

Sea transport (IMDG)

EmS-No.

F-E, S-E

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Article No.: Print date: Version:	4517-8304 09.11.2015 000001-0015	INDUSTRIEOL-GRUND HONIG Revision date: 20.10.2015 Issue date: 20.10.2015	20332 EN Page 8 / 8	
not appl	icable			

SECTION 15: Regulatory information

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

EU legislation

Information according to 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline). VOC-value (in g/L) ISO 11890-2: 507

507

VOC-value (in g/L) ASTM D 2369:

according to EU-regulation 2004/42/EC (appendix II)

EU limit value for this product (cat. not apply to directive 2004/42/CE): 0 g/l (2007)/0 g/l (2010). This product contains max 507 g/l VOC.

National regulations

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).

Other regulations, restrictions and prohibition regulations

15.2. Chemical Safety Assessment

Chemical safety assessments for substances in this preparation were not carried out.

SECTION 16: Other information

Full text of classification in section 3:

гui	i text of classification in s	Section 5:	
Asp	o. Tox. 1 / H304	Aspiration hazard	May be fatal if swallowed and enters airways.
Flar	m. Liq. 3 / H226	flammable liquids	Flammable liquid and vapour.
STC	DT SE 3 / H336	Specific target organ toxicity (single exposure)	May cause drowsiness or dizziness.
Aqu	atic Chronic 3 / H412	Hazardous to the aquatic environment	Harmful to aquatic life with long lasting effects.
Aqu	atic Chronic 2 / H411	Hazardous to the aquatic environment	Toxic to aquatic life with long lasting effects.
Car	c. 2 / H351	Carcinogenicity	Suspected of causing cancer (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard).
Acu	ite Tox. 4 / H312	Acute toxicity (dermal)	Harmful in contact with skin.
Eye	e Dam. 1 / H318	Serious eye damage/eye irritation	Causes serious eye damage.
Skir	n Sens. 1 / H317	respiratory or skin sensitisation	May cause an allergic skin reaction.
Eye	e Irrit. 2 / H319	Serious eye damage/eye irritation	Causes serious eye irritation.
Rep	or. 2 / H361f	Reproductive toxicity	Suspected of damaging fertility.
Aqu	atic Acute 1 / H400	Hazardous to the aquatic environment	Very toxic to aquatic life.
Aqu	atic Chronic 1 / H410	Hazardous to the aquatic environment	Very toxic to aquatic life with long lasting effects.
Skir	n Corr. 1B / H314	skin corrosion/irritation	Causes severe skin burns and eye damage.
Rep	or. 2 / H361d	Reproductive toxicity	Suspected of damaging the unborn child.

Abbreviations and acronyms

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations).

Additional information

Classification according to Regulation (EC) No. 1272/2008 [CLP]

The information supplied on this safety data sheet complies with our current level of knowledge as well as with national and EU regulations. Without written approval, the product must not be used for purposes different from those mentioned in chapter 1. It is always the user's duty to take any necessary measures for meeting the requirements laid down by local rules and regulations. The details in this safety data sheet describe the safety requirements of our product and are not to be regarded as guaranteed attributes of the product.