

SAFETY DATA SHEET

	1	111			1.1.1	'		111	Date	Accesse	d: 25/08	s/202:
;	· · .	-	:		1		1 A.		Dat	e Revise	ed: 19/01	/202
							н н н	1.1.1				
				IFICA								
	uct Name				1.1.1	· · ¹				1.	111	'
,	#: 12069	- ,		C			· · .			· · .		
_		-00-0										
1			ses or t	he subsi	lance: c	scienti	nc resea	rcnjanu	dever	pment		. * *
•••	lier detai		toriale									
E-mai	l: sales@)samate	rials.co	m	111	· · · '		111	'		111	'
	_			· · .								
				_ake Fore								
				н н н								
				RDS II								
	ification a 06 Skull a			gulation (EC) No	1272/2	2008			н н н		
Acute	Tox. 2 H	I300 Fat	al if swa	allowed.			÷.					
Acute	Tox. 2 H	1330 Fat	al if inh	aled.			· .	ı		· .		
GHSC)8 Health	hazard										-
Repr.	1A H360) May da	image f	ertility or	the unb	orn chi	ld.					
				damage								
Class	ification a	according	g to Dir	ective 67	/548/EE	C or D	irective 1	999/45/8	EC			
T; To	kic											
		:	1			:					:	:

							1.1.1					
R61-23/25: May	cause l	harm to	the unbo	rn child	. Toxic	by inhala	tion and	d if swa	llowed.			
Xn; Harmful												
R62: Possible ris	sk of im	paired	fertility.			1					. * *	
N; Dangerous fo	r the er											
R50/53: Very tox	to ac		rganisms,									
environment.						· · .	-					
R33: Danger of o	cumulat	tive effe	ects.									
Information conc									,			
N/A						:		'	:		'	
Hazards not othe	erwise o	classifie	dNo data	availab	le							
Label elements			· · ·			· · ·				1		
Labelling accord	ing to F	Regulati	on (EC) N	0,1272	/2008				н н н			
The substance is												
Hazard pictograr	nș				¹		: • •	'		:**		
GHS06												
GHS08		:	•••				:					
Signal word			н н н			1 1 1			н н Н			
Danger												
Hazard statemer	nts	'		; * *	¹		: · ·	'		111	'	
H300+H330 Fata	al if swa	allowed	or if inhal	ed.								
H360 May dama	ge ferti	lity or th	ne unborn									
H373 May cause	dama	ge to or	gans thro	ugh pro	longed	or repea	ted exp	osure.				
Precautionary st	atemen	its										
P260 Do not bre	athe du	ist/fume	e/gas/mist	/vapors	/spray.			'	1		'	
P284 [In case of	inadeq	uate ve	entilation] v	wear re	spirato	ry protect	ion.		11. 1			
P301+P310 IF S			Immediat									
P320 Specific tre						I		I	ı			
P405 Store locke	ed up.				'	;		'			'	
P501 Dispose of												
national/internati	onal re	gulatior	IS.						· · · .			

	'		111				'			
WHMIS classification		· · .	:		· · .					
D1A - Very toxic mater	ial caus	sing imm	ediate a	nd serie	ous toxic					
D2A - Very toxic mater	ial caus	sing othe	r toxic e	ffects						
Classification system										
HMIS ratings (scale 0-4	4)	1.			1	111		1	111	 ÷.
(Hazardous Materials I		ation Sy	stem)		1. A.			11. 1	1	•••,
Health (acute effects) =	= 2									
Flammability = 0				·				,		
Physical Hazard = 1	'	:	: ' '	'	:	111		;	111	 :
Other hazards		,						,		
Results of PBT and vP	vB ass	essment						11	-	۰۰,
PBT:										
N/A										
vPvB:		÷.,	; • •	'	1	111				 :
N/A										
										· · ·

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances	1	¹	1.	: * *	¹	1	111	1. ¹	;
CAS No. / Substance Name:	· · .		· · .		1	· · .			
12069-00-0 Lead(II) selenide									
Identification number(s):		 , , ,	1		. * *				
EC number:									
235-109-4									:

SECTION 4. FIRST AID MEASURES

Description of first aid measures General information

Immediately remove any clothing soiled by the product.

	1						,		
Remove breathing appa	aratus only after	r contam	ninated	clothing h	as beei	n comp	letely rer	noved.	
In case of irregular brea	•		•		•				
If inhaled:			. * *						
Supply patient with fres		0.1			•				
Seek immediate medica	al advice.		'	1		'	1		'
In case of skin contact:							с.,		
Immediately wash with	soap and water	; rinse tł	norougl	hly.					
Seek immediate medica	al advice.			i.			1		
In case of eye contact:									
Rinse opened eye for s									
If swallowed:	1	:		··.		1	· · .		
Do not induce vomiting	; immediately ca	all for me	edical h	elp.					
Information for doctor									
Most important sympton	ms and effects,	both acı	ute and	delayed			1		
No data available									
Indication of any immed	diate medical at	tention a	ind spe	cial treatm	nent ne	eded	11.		
No data available									
$(1,2) = \{a_1,\ldots,a_{n-1}\}$		111	¹	÷.,			÷.,	:**	
SECTION 5. FI						1			
Extinguishing media				· · ·		1	· · .		
Suitable extinguishing a	agents			н н Н					. **
Special powder for met	al fires. Do not i	use wate	er.						
Special hazards arising	from the substa	ance or I	mixture	;		¹	÷.,	:**	
If this product is involve									
Advice for firefighters									
Protective equipment:									. * *
Wear self-contained res	spirator.								
Wear fully protective im			· · · ¹	1.			1.		
	-								:

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipme	nt and	emerge	ency proc	edures				
Use personal protective equipment. Keep	unprot	ected p	ersons a	way.				
Ensure adequate ventilation		¹		; · · ·				'
Environmental precautions:			· · · .			··	-	:
Do not allow material to be released to the	e enviro	onment	without o	official p	ermits.			
Do not allow product to enter drains, sewa	age sys	tems, c	or other w	ater cou	urses.			
Do not allow material to penetrate the group	und or	soil.						
Methods and materials for containment ar	nd clear	nup:						
Dispose of contaminated material as wast	te acco	rding to	section	13,		· · .		
Ensure adequate ventilation. Prevention of secondary hazards:			1 - 1 1			1 - 1 1		
No special measures required. Reference to other sections	;	'		;		1 1		
See Section 7 for information on safe han	dling		· · .			· · .		-
See Section 8 for information on personal	1.1.1	tion eq	uipment.S	See Sec	tion 13	for dispos	al	

information.

SECTION 7. HANDLING AND STORAGE

Handling										
Precautions for safe handling			,	,		,				
Keep container tightly sealed.	1		'							
Store in cool, dry place in tightl	y closed c	ontaine	ers.							
Ensure good ventilation at the	workplace		1	н.н. Тар						
Open and handle container wit	h care.		- 1 - 1 - 1	н н Н						
Information about protection ag	jainst expl	osions	and fire	es:						
No data available		1 1 1 1					÷.,			
Conditions for safe storage, inc					-	}	11. 11.	}	}	

Requirements to be met by storerooms and re	eceptacl	es:			· · .	-		
No special requirements.								
Information about storage in one common sto	orage fac	cility:		. * *				
Not required. Further information about storage conditions:		÷.	1 + + + +		۰.			:,
Keep container tightly sealed.					· · .			
Store in cool, dry conditions in well-sealed co Specific end use(s)	ntainers	• •						
No data available	*	÷.	:**		÷.,	:	'	:

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ibout de	esign of teo	S:		¹										
nical fu	me hood o	lesigne	d for ha				having an	averag	je					
100 fee	et per minu	ite.	;		i									
	н н н					. 11								
/alues t	hat require	e monito	oring at	the workp	place:									
Lead, elemental, and inorganic compounds (as Pb)														
mg(Pb)/m3														
		-												
			1.1											
'	1.					1			'					
				· · .			· · .	1	1					
			,	,			,							
	:													
				,										
-		1		· · .	-	-	· · · .		-					
	nical fu 100 fee /alues t organic rmed an	nical fume hood o 100 feet per minu values that require organic compoun rmed animal carc	nical fume hood designer 100 feet per minute. values that require monito organic compounds (as f rmed animal carcinogen	nical fume hood designed for ha 100 feet per minute. values that require monitoring at organic compounds (as Pb)	100 feet per minute.	nical fume hood designed for hazardous chemica 100 feet per minute. values that require monitoring at the workplace: organic compounds (as Pb) med animal carcinogen	nical fume hood designed for hazardous chemicals and 100 feet per minute. values that require monitoring at the workplace: organic compounds (as Pb)	nical fume hood designed for hazardous chemicals and having an 100 feet per minute. values that require monitoring at the workplace: organic compounds (as Pb)	nical fume hood designed for hazardous chemicals and having an average 100 feet per minute. values that require monitoring at the workplace: organic compounds (as Pb) freed animal carcinogen and animal carcinogen and animal carcinogen and animal carcinogen					

			'		1 1 1					
Sweden TWA 0.05 (resp.	dust)			· · ·						· · .
0.1 (total dust)										
Switzerland MAK-W 0.1				1		. * *				
United Kingdom TWA 0.1										
USA PEL 0.05						'				
Selenium and selenium c	ompounds (a	as Se)		11. 1		1				· · .
mg/m3										
ACGIH TLV 0.2			ı							,
Austria MAK 0.1Belgium	TWA 0.2		'				:	111		
Denmark TWA 0.1	·			,			,			
Finland TWA 0.1; 0.3-ST	ËL	}					11. 1			۰.
Germany MAK 0.1				1 I			н н Н			
Hungary 0.1-STEL										
Japan OEL 0.1			'	1	; · · ·		÷.,			1
Korea TLV 0.2										
Netherlands MAC-TGG 0	.2					1				· · · .
Poland TWA 0.1; 0.3-STE	EL (1 I						
Sweden NGV 0.1										
Switzerland MAK-W 0.1			¹		;**	'	1	111	¹	1
United Kingdom TWA 0.1	···.									
USA PEL 0.2										
Lead, elemental, and inor	ganic compo	ounds (as	s Pb)							
mg(Pb)/m3										
ACGIH TLV 0.05 Confirm	ed animal ca	arcinoger	1			'	1		'	
Austria MAK 0.1	· ··.			11. 1						۰.
Belgium TWA 0.15				1 1						
Denmark TWA 0.1				,					1	,
Germany MAK 0.1	at t		'	;			:			
Japan OEL 0.1				ı						
Netherlands TWA 0.15	н. — — — — — — — — — — — — — — — — — — —			11		1				۰.

	'					1		1		'	
Norway TWA 0.05					· · · .						
Poland TWA 0.05											
Switzerland MAK-W 0.1											
United Kingdom TWA 0											
Finland TWA 0.1	'			'			'			'	
France TWA 0.15					11. 1	ł		11. 1			•••
Hungary STEL 0.04					1 I						
Sweden TWA 0.1 (total				,	,					1	
0.05 (resp. dust)	'			'			'	:	: · ·		:
USA PEL 0.05		'									
12069-00-0 Lead(II) sel	enide (100.0%)									•••
PEL (USA) Long-term v	alue: 0	.2 mg/m									
3											
as Se	'			'	1		'	1	: • •	'	1.
REL (USA) Long-term v 3	value: 0	.2 mg/m	:	:	···,	1	:	··	:	:	•••
as Se		н н н			н н н			н н н			
TLV (USA) Long-term v	alue: 0	.2 mg/m									
3	'			¹		; • •			:**		1.
as Se EL (Canada) Long-term		0.05 mg/r		;	···.	;	:	··.	:	:	···.
3		· · ·			н н н			н н 1		11	
as Pb; IARC 2A, R											
Ingredients with biologic	cal limit	values:		¹	1	; • •		1	111		1.
12069-00-0 Lead(II) sel	enide (100.0%)						· · .			
BEI (USA) 30 μg/100 m	I										
Medium: blood		н н н									
Time: not critical Parameter: Lead	'	÷.		¹	÷.,	:	'	4,	: · ·	*	:.
Additional information:	-	۰۰,		:	· · · .	}	}	Υ.		1 1 1	··.

No data	:	· · .			· · .			· · .		
Exposure controls										
Personal protectiv	e equipme	ent								
Follow typical prot	ective and	d hygienic p	oractices	for ha	ndling ch	emicals.				
Keep away from fo	odstuffs,	beverages	and fee	d.Rem	ove all so	oiled and	contar	minated o	clothing	'
immediately.								· · · .		
Wash hands befor	e breaks a	and at the	end of w	ork.						
Store protective cl	othing sep	parately.								
Maintain an ergon	-		-		nment.					
Breathing equipme	ent:			¹	1		1. ¹	1		
Refer to 29CFR19	10.1025 f	or regulatio	ons on re	spirato	ory protec	ction requ	uired d	uring exp	osure to	lead
and lead compour	ıds.									
Refer to 29CFR19	10.1025 f					ction requ				lead
and lead compour	ıds.									
Use self-contained		ory protectiv						1		
Protection of hand		· · .								
Impervious gloves										
Inspect gloves pric					1					
		oo dotormir	and both	by ma	torial and	duality	the lat	tor of whi	ich mayy	
Suitability of glove by	s should t			ру,⊪па	lenai and	u quaiity,	uie iai		ich ijiay v	vary
manufacturer.				1	· · · .			11		
Eye protection:					1 I					
Safety glasses				1	i.					
Body protection:						111				
Protective work clo					ı					

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:

		1									
Form: Pieces or solid in v	arious fo	orms									
Color: Grey											
Odor: Product specific											
Odor threshold: Not deter pH: N/A			;		÷.	;		1.	:	'	1.
Melting point/Melting rang	ge:1065	°C (1949	°F)		· · .			с.,			•••.
Boiling point/Boiling range	e: Not de	etermined	t								
Sublimation temperature	/ start: N			,	,			1			
Flash point: N/A Flammability (solid, gas)	' :		:		÷.			:	:	'	1.
		1	1		· · · .			· · .			
Ignition temperature: Not	determi	ned			1 I						
Decomposition temperatu				1	,		1	1		1	
Autoignition: Not determir	ned.			'				:			:
Danger of explosion: Proc								,			
Explosion limits:		1	1		· · ·			··.			1.
Lower: Not determined											
Upper: Not determined											
Vapor pressure: N/A				'					; • •	'	Е.
Density at 20 °C (68 °F):	8.1 g/cm	ı			•••						
3	ı.	I	ı	1	,	,					
(67.595 lbs/gal)		I		, , ,				1 - 1 1			
Relative density											
Not determined.		1					' 			'	1.
Vapor density		1	1		· · · .			· · .			· · .
N/A		1									
Evaporation rate					,						
N/A	:			'							:
Solubility in Water (H								·			
2			1		· · .			11.			۰.
		1			1 1						

		' .			1.			1.			1.		
O): Insoluble		· · .			· · .					:	···.		
Partition coefficient (n-octanol/water): Not determined.													
Viscosity:Dynamic: N/	A		1.1.1										
Kinematic: N/A Other information	'	÷.	: · ·	¹	4		'	4,	:	'	÷.,		
No data available	:	· · .			11	÷		11			···.		

SECTION 10. STABILITY AND REACTIVITY

and the second									- i.,	1.1.1			
Reactivity													
No data available			11			11.							
Chemical stability						н н н							
Stable under recommended storage conditions.													
Thermal decompo	osition	/ condit	ions to be	avoide	d:		:**			:**			
Decomposition with	ill not o												
Possibility of haza	ardous	reaction	าร			· · · ,					:		
No dangerous rea	actions	known				н н н							
Conditions to avo													
No data available		'			· · ¹	1							
Incompatible mate	erials:		· · .			· · .			· · .				
No data available													
Hazardous decon	npositio	on prod	ucts:										
Toxic metal comp Hydrogen selenid			1,		'		;		:	;	*		

SECTION 11. TOXICOLOGICAL INFORMATION

Information on to	oxicoloc	gical ef	fects						
			1	 · · · '	1	 ¹		¹	
Acute toxicity:									
Fatal if inhaled			· · .		· · · .				

Fatal if swallowed.											
LD/LC50 values that are	e releva	ant for clas	ssificati	on:							
No data		н н н									
Skin irritation or corrosi											
May cause irritation	' 			· · · '			· · · '		: • •		
Eye irritation or corrosic	on:	· · ·	-	1	· · .				:	:	•••
Irritating effect.											
Sensitization:		i.			1						
No sensitizing effects ki	nown.	:						1			
Germ cell mutagenicity:											
No effects known.		· · · .	-					· · .		1	۰۰.
Carcinogenicity:											
No classification data or	n carcir	nogenic pr	opertie	s of thi	s material	is avai	lable fro	om the EF	PA, IARO	С,	
NTP, OSHA or ACGIH.		1		'	÷.,				: * *		1
Reproductive toxicity:											
May damage fertility or	the unb	orn child.	:	1	· · · .			· · ·	:		
Specific target organ sy	stem to	oxicity - re	peated	exposi	ure:			н н н			
May cause damage to c	organs t	through pi	rolonge	ed or re	peated ex	posure					
Specific target organ sy	stem to	oxicity - sir	ngle ex	posure		: * *	¹	1	: * *		Ξ.
No effects known.					· · .						
Aspiration hazard:											
No effects known.		1 I			н н Н		. 11				
Subacute to chronic tox appetite, metallic taste,					s may cau			•			1
nausea, vomiting, lassit	ude, ins	somnia, m	nuscle v	weakne	ss, joint a	nd mus	cle pai	n, irritabili	ty, heac	lache	
and dizziness. Red bloc	d cells	may be d	amage	d resul	ting in ane	emia. G	astritis	and injury	to the		
kidneys, liver, male gon	ads, an	id central	nervou	s syste	m may als		ır. '				
Selenium may cause ar	nyotrop	hic latera	l sclero	sis, bro	onchial irri	tation,					
gastrointestinal distress	, vasop	haryngea	l irritati	on, gar	lic odor or	n breath	n and s	weat, met	allic		1
taste, pallor, irritability, e	excessi	ve fatigue	, loss c	of finger	nails and	hair, pı	ulmona	ry edema,	anemia	a and	

weight loss.

Lead and lead compounds may cause abdominal pain, diarrhea, loss of appetite, metallic taste, nausea, vomiting, lassitude, insomnia, muscle weakness, joint and muscle pain, irritability, headache and dizziness. Red blood cells may be damaged resulting in anemia. Gastritis and injury to the kidneys, liver, male gonads, and central nervous system may also occur.

Subacute to chronic toxicity:

No effects known.

Additional toxicological information:

To the best of our knowledge the acute and chronic toxicity of this substance is not fully known.

SECTION 12. ECOLOGICAL INFORMATION

			¹					; · · ·	'
lability	· · .		:	··			99. 19		
	н н н			н н н					
ial									
1.1			· · ¹					: ' '	
	1 1			1					
rganism	S								'
formatio	n:			· · .		1	· · .		
be rele	ased to the	e enviro	onment		•				
reach g	roundwate	er, wate	r cours			1	even in sr	mall	
	1			1					'
and pla	nkton in wa	ater boo	dies.	· · .			· · .		
	lability ial rganism formatio be rele reach g er if ever	dability ial rganisms formation: be released to the reach groundwate er if even extremel	dability ial rganisms formation: be released to the enviro reach groundwater, wate	lability ial rganisms formation: be released to the environment reach groundwater, water cours	dability ial	lability ial rganisms formation: be released to the environment without official po reach groundwater, water courses, or sewage sy er if even extremely small quantities leak into the g	dability ial rganisms formation: be released to the environment without official permits. reach groundwater, water courses, or sewage systems, er if even extremely small quantities leak into the ground.	lability ial rganisms formation: be released to the environment without official permits. reach groundwater, water courses, or sewage systems, even in sr	ial ial igeneration: present and

May cause long	J lasting	harmf	ul effects	to aqua	tic life.	· · .			· · .	-		
Avoid transfer i	nto the e	enviror	ıment.									
Very toxic for a	quatic o	rganisı	ms									
Results of PBT	and vP [,]											
PBT:		¹	1,		· · '			'				
N/A			· · · .		1	11. 1		1	· · .			
vPvB: N/A												1
Other adverse	effects				'	-						
No data availab	ole		i.									
SECTION Waste treatmer						ERAT						
Consult official	regulati	ons to	ensure pr	oper di	-							
Uncleaned pacl	kagings	:				11			11			
Recommendati	on:		н н н			н н н			 			
Disposal must b	be made	e accor	rding to of	fficial re	gulatior	IS.						
						:			:	111		
SECTION	14. 7	RAI	NSPO	RT IN	IFOF	MAT	ION	;	··.	:	;	

 DOT, IMDG, IATA

 UN3077

 UN proper shipping name:

 DOT

 DOT

 Environmentally hazardous substances, solid, n.o.s. (Lead(II) selenide)

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Lead(II) selenide)

Transport hazard class(es)

UN-Number

			1 1 1			111			1		
DOT, IMDG			1				1	· · .	:		···.
Class											
9 Miscellaneous d	angerou	is substa	nces and	articles							
Label 9			111			: * *		1	111		1
									:		
9 (M7) Miscellaneo Label							. 11				
9 IATA			:	'		;**	¹	÷.,	:	'	:,
Class					· · · ·			· · .			۰۰,
9 Miscellaneous d	angerou	ıs substa	inces and a	articles							
Label											
9, ,			; • •				'	1	; • •		:
Packing group											
DOT, IMDG, IATA			1				-	· · ,	:		· · · ·
$\mathbf{H}^{(1)} = \{1, 2\}$		· · · ·		, ¹¹							
Environmental haz	ards:										
Special marking (A	ADR):			· · *			'	1	1.1.1	1. ¹	÷.,
Symbol (fish and t		, , , , ,	1	:	· · ,	-		· · .		1	··.
Special marking (I Symbol (fish and t	AIA):										
					,		,				,
Special precaution Warning: Miscellar											
Transport in bulk a	accordin	g to Ann	ex II of MA	ARPOL7	(3/78 and	the IBC (Code	11.			· · · .
N/A Transport/Addition							11	1 - 1 1			
DOT			111	'	1						:
Marine Pollutant (I		С. С.				-			·		
No		· · · .			· · · .			· · .		:	۰.

UN "Model Regulation":

UN3077, Environmentally hazardous substances, solid, n.o.s. (Lead(II) selenide), 9, III

SECTION 15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture National regulations All components of this product are listed in the U.S. Environmental Protection Agency Toxic Substances Control Act Chemical substance Inventory. All components of this product are listed on the Canadian Domestic Substances List (DSL). This product contains a chemical known to the state of California to cause cancer and/or reproductive toxicity. SARA Section 313 (specific toxic chemical listings) 12069-00-0 Lead(II) selenide California Proposition 65 Prop 65 - Chemicals known to cause cancer 12069-00-0 Lead(II) selenide Prop 65 - Developmental toxicity Substance is not listed. Prop 65 - Developmental toxicity, female Substance is not listed. Prop 65 - Developmental toxicity, male Substance is not listed. Information about limitation of use: For use only by technically qualified individuals. This product contains lead and is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and 40CFR372. This product contains selenium and is subject to the reporting requirements of section 313 of the Emergency Planning and Community Right to Know Act of 1986 and 40CFR372.

This product contains lead and is subject to the reporting requirements of section 313 of the												
Emergency Planning and Community Right to Know Act of 1986 and 40CFR372.												
Other regulations, limitations and prohibitive regulations												
Refer to 29CFR1910.1025 for regulations concerning lead and lead compounds. Refer to 29CFR1910.1025 for regulations concerning lead and lead compounds.												
Substance of Very High Concern (SVHC) according to the REACH Regulations (EC) No. 1907/2006												
Substance is not listed. The conditions of restrictions according to Article 67 and Annex XVII of the Regulation (EC) No												
1907/2006 (REACH) for the manufacturing, placing on the market and use must be observed.												
Substance is not listed.												
Annex XIV of the REACH Regulations (requiring Authorisation for use)												
Substance is not listed.												
REACH - Pre-registered substances												
Substance is listed.												
Chemical safety assessment: A Chemical Safety Assessment has not been carried out.												

SECTION 16. OTHER INFORMATION

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH). The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.