



Version 8.0	Revision Date: 06.07.2024	SDS Nur 666684-0		Date of last issue: 06.04.2024 Date of first issue: 12.05.2016	
SECTIO	N 1: Identification of	the subst	tance/mix	ture and of the company/underta	king
1.1 Produ	uct identifier				
Trad	e name	: Phen	ylbutazone	Formulation	
1.2 Relev	ant identified uses of t	the substa	nce or mi	cture and uses advised against	
Use	of the Sub- ce/Mixture		rinary prod	•	
Reco on us	ommended restrictions se	: Not a	pplicable		
1.3 Detai	Is of the supplier of the	e safety da	ta sheet		
Com	pany	: MSD		-	
			bartan Roa Spartan,	o South Africa	
Tele	phone	: +271	19239300		
	ail address of person onsible for the SDS	: EHSI	DATASTE	VARD@msd.com	
	gency telephone numb 08-423-6000	ber			
SECTIO	N 2: Hazards identifi	cation			
2.1 Class	ification of the substa	nce or mix	ture		
Clas	sification (REGULATIO	ON (EC) No	1272/200	8)	
	e toxicity, Category 4 irritation, Category 2			2: Harmful if swallowed. 9: Causes serious eye irritation.	
2.2 Label	elements				
	elling (REGULATION (E ard pictograms	EC) No 127	2/2008)		
Sign	al word	: Warni	ng		
Haza	ard statements	: H302 H319		if swallowed. serious eye irritation.	

Precautionary statements :

Prevention:

P264 Wash skin thoroughly after handling.



Version 8.0	Revision Date: 06.07.2024	SDS Number: 666684-00024	Date of last issue: 06.04.2024 Date of first issue: 12.05.2016
			t, drink or smoke when using this product. protection/ face protection.
		CENTER/ doctor i	IF SWALLOWED: Call a POISON if you feel unwell. Rinse mouth. eye irritation persists: Get medical advice/

Hazardous components which must be listed on the label:

Phenylbutazone

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 20 %

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Contact with dust can cause mechanical irritation or drying of the skin.

May form explosive dust-air mixture during processing, handling or other means.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
Phenylbutazone	50-33-9 200-029-0	Acute Tox. 3; H301 Eye Irrit. 2; H319	>= 20 - < 30
Substances with a workplace exposure	e limit :		
Ascorbic acid	50-81-7 200-066-2		>= 1 - < 10

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice	:	In the case of accident or if you feel unwell, seek medical ad- vice immediately. When symptoms persist or in all cases of doubt seek medical advice.
Protection of first-aiders	:	First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).



Version 8.0	Revision Date: 06.07.2024		DS Number: 66684-00024	Date of last issue: 06.04.2024 Date of first issue: 12.05.2016		
lf inha	led	:	If inhaled, remove Get medical atter	e to fresh air. tion if symptoms occur.		
In cas	e of skin contact	:		and soap. ition if symptoms occur.		
In case of eye contact		:	for at least 15 mir	ove contact lens, if worn.		
lf swa	llowed	:	so by medical per Get medical atter Rinse mouth thor			
4.2 Most i	mportant symptoms a	nd	effects, both acute	and delayed		
Risks		:	Harmful if swallov Causes serious e	ved.		
			Contact with dust the skin.	can cause mechanical irritation or drying of		
4.3 Indica	tion of any immediate	me	dical attention and	d special treatment needed		
Treat	•	:		cally and supportively.		
SECTION 5: Firefighting measures						
5.1 Extinguishing media						
-	ble extinguishing media	:	Water spray Alcohol-resistant	foam		

Suitable extinguishing media	•	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire- fighting	:	Exposure to combustion products may be a hazard to health.
Hazardous combustion prod- ucts	:	Carbon oxides Nitrogen oxides (NOx)
5.3 Advice for firefighters Special protective equipment	:	In the event of fire, wear self-contained breathing apparatus.

for firefightersUse personal protective equipment.Specific extinguishing meth-:Use extinguishing measures that are appropriate to local cir-



Version 8.0	Revision Date: 06.07.2024		Number: 584-00024	Date of last issue: 06.04.2024 Date of first issue: 12.05.2016
ods		L F S	Jse water spray t	he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do
SECTION	N 6: Accidental relea	ise me	asures	
6.1 Perso	nal precautions, prote	ective e	equipment and e	emergency procedures
Perso	onal precautions	F	ollow safe handl	tective equipment. ing advice (see section 7) and personal pro- recommendations (see section 8).
6.2 Enviro	onmental precautions			
Envir	onmental precautions	F F L	Retain and dispos	akage or spillage if safe to do so. se of contaminated wash water. should be advised if significant spillages
6.3 Metho	ods and material for co	ontainr	nent and cleanii	ng up
Meth	ods for cleaning up	t: V E E Iu E F F S	ainer for disposal Avoid dispersal of with compressed Dust deposits sho es, as these may eased into the atr local or national r local of this mate employed in the c mine which regula Sections 13 and 1	f dust in the air (i.e., clearing dust surfaces
•••••••	ence to other sections ons: 7, 8, 11, 12 and 13			

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Technical measures	:	Static electricity may accumulate and ignite suspended dust causing an explosion. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.
Local/Total ventilation Advice on safe handling	:	Use only with adequate ventilation. Do not breathe dust. Do not swallow. Do not get in eyes. Avoid prolonged or repeated contact with skin. Wash skin thoroughly after handling.



Version 8.0	Revision Date: 06.07.2024		S Number: 684-00024	Date of last issue: 06.04.2024 Date of first issue: 12.05.2016
Ну	giene measures	:	practice, based o sessment Minimize dust gen Keep container cl Keep away from I Take precautiona Do not eat, drink Take care to prev environment. If exposure to che flushing systems	ance with good industrial hygiene and safety in the results of the workplace exposure as- neration and accumulation. osed when not in use. heat and sources of ignition. ry measures against static discharges. or smoke when using this product. rent spills, waste and minimize release to the emical is likely during typical use, provide eye and safety showers close to the working g do not eat, drink or smoke. Wash contami- fore re-use.
7.2 Cor	nditions for safe storage,	inclu	uding any incom	patibilities
	quirements for storage eas and containers	:	Keep in properly the particular nati	labelled containers. Store in accordance with onal regulations.
Ad	vice on common storage	:	Do not store with Strong oxidizing a	the following product types: agents
-	ecific end use(s) ecific use(s)	:	No data available	

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Phenylbutazone	50-33-9	TWA	30 µg/m3 (OEB 3)	Internal
		Wipe limit	300 µg/100 cm ²	Internal
Ascorbic acid	50-81-7	TWA	5000 μg/m3 (OEB 1)	Internal

8.2 Exposure controls

Engineering measures

Ensure adequate ventilation, especially in confined areas.

Minimize workplace exposure concentrations.

Apply measures to prevent dust explosions.

Ensure that dust-handling systems (such as exhaust ducts, dust collectors, vessels, and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is no leakage from the equipment).

Personal protective equipment							
Eye/face protection	: Wear the following personal protective equipment: Safety goggles						
Hand protection							
Material	: Chemical-resistant gloves						



Version 8.0	Revision Date: 06.07.2024	SDS Number: 666684-00024	Date of last issue: 06.04.2024 Date of first issue: 12.05.2016		
Remarks		: Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous sub- stance and specific to place of work. Breakthrough time is no determined for the product. Change gloves often! For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Wash hands before breaks and at the end of workday.			
Skin a	and body protection	sistance data a tial. Skin contact m	ate protective clothing based on chemical re- ind an assessment of the local exposure poten- ust be avoided by using impervious protective s, aprons, boots, etc).		
Resp	iratory protection	: If adequate loc sure assessme	al exhaust ventilation is not available or expo- nt demonstrates exposures outside the rec- delines, use respiratory protection.		
Fil	lter type	: Particulates typ			

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Colour Odour Odour Threshold	::	paste white citrus No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling	:	No data available
range Flash point	:	Not applicable
Evaporation rate	:	No data available
Flammability (solid, gas)	:	May form explosive dust-air mixture during processing, han- dling or other means.
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Vapour pressure	:	No data available
Relative vapour density	:	No data available
Density	:	No data available
Solubility(ies) Water solubility	:	No data available

SAFETY DATA SHEET



Phenylbutazone Formulation

Version 8.0	Revision Date: 06.07.2024	SDS Number: 666684-00024	Date of last issue: 06.04.2024 Date of first issue: 12.05.2016
Partition coefficient: n- octanol/water Auto-ignition temperature Decomposition temperature		 No data avail No data avail No data avail 	able
Explo	osity iscosity, kinematic osive properties izing properties	 No data avail Not explosive The substance 	
9.2 Other information Flammability (liquids) Molecular weight Particle size		No data availNo data availNo data availNo data avail	able

SECTION 10: Stability and reactivity

10.1 Reactivity

Not classified as a reactivity hazard.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions	:	May form explosive dust-air mixture during processing, han- dling or other means. Can react with strong oxidizing agents.		
10.4 Conditions to avoid				
Conditions to avoid	:	Heat, flames and sparks. Avoid dust formation.		
10.5 Incompatible materials				
Materials to avoid	:	Oxidizing agents		
10.6 Hazardous decomposition pro	od	ucts		
No hazardous decomposition products are known.				

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Information on likely routes of exposure	:	Inhalation Skin contact
		Ingestion Eye contact

SAFETY DATA SHEET



Phenylbutazone Formulation

sion	Revision Date: 06.07.2024	SDS Numbe 666684-000	
	e toxicity		
Harm	ful if swallowed.		
Produ	uct:		
Acute	oral toxicity		xicity estimate: 1.225 mg/kg Calculation method
<u>Comp</u>	oonents:		
Phen	ylbutazone:		
Acute	oral toxicity	: LD50 (R	at): 245 mg/kg
		LD50 (N	louse): 238 mg/kg
		LD50 (D	og): 332 mg/kg
Asco	rbic acid:		
Acute	oral toxicity	: LD50 (R	at): 11.900 mg/kg
-	corrosion/irritation assified based on av	ailable informatio	on.
<u>Com</u>	oonents:		
Asco	rbic acid:		
Speci		: Rabbit	
Metho Resul		: OECD T : No skin	est Guideline 404 irritation
Serio	us eye damage/eye	irritation	
Cause	es serious eye irritatio	on.	
<u>Com</u>	oonents:		
Phen	ylbutazone:		
Speci Resul		: Rabbit : Irritation	to eyes, reversing within 21 days
Asco	rbic acid:		
Speci		: Rabbit	
Metho Resul		: OECD T : No eye i	est Guideline 405 rritation
Resp	iratory or skin sens	itisation	
-	sensitisation assified based on av	ailable informatio	n
1101 0			

Not classified based on available information.



rsion)	Revision Date: 06.07.2024		DS Number: 6684-00024	Date of last issue: 06.04.2024 Date of first issue: 12.05.2016
<u>Comp</u>	oonents:			
Ascorbic acid: Test Type Exposure routes Species Result		:	Maurer optimisati Skin contact Guinea pig negative	on test
	cell mutagenicity assified based on avail	able	information.	
<u>Comp</u>	oonents:			
Phen	ylbutazone:			
Geno	toxicity in vitro	:	Test Type: Bacte Result: negative	rial reverse mutation assay (AMES)
			Test Type: Chron Result: positive	nosome aberration test in vitro
			Test Type: In vitro malian cells Result: negative	o sister chromatid exchange assay in mam-
			Test Type: Chron Result: negative	nosomal aberration
Geno	toxicity in vivo	:	Test Type: Mamn cytogenetic assay Species: Mouse Application Route Result: negative	
			Species: Mouse	nt dominant lethal test (germ cell) (in vivo) e: Intraperitoneal injection
			Test Type: Micror Species: Mouse Application Route Result: positive	
Germ sessn	cell mutagenicity- As- nent	:	Weight of evidend cell mutagen.	ce does not support classification as a gern
Asco	rbic acid:			
	toxicity in vitro	:	Test Type: Bacte Result: negative	rial reverse mutation assay (AMES)
			Test Type: In vitro Result: negative	o mammalian cell gene mutation test
			Test Type: Chron	nosome aberration test in vitro



city in vivo jenicity ified based on avai <u>ents:</u>	: lable	Result: negative Test Type: Marr cytogenetic ass Species: Mouse Application Rou Result: negative	malian erythrocyte micronucleus test (in vivo ay) te: Ingestion
jenicity ified based on avai	: lable	cytogenetic ass Species: Mouse Application Rou	ay) te: Ingestion
ified based on avai	lable		
ents [.]	-	information.	
	:	Rat Ingestion 103 weeks positive	
	:	Mouse Ingestion 103 weeks positive	
enicity - Assess-	:	Weight of evider cinogen	nce does not support classification as a car-
on Route	:	Mouse Ingestion 2 Years negative	
ified based on avai	lable	information.	
	:	Species: Rat Application Rou Embryo-foetal to	oxicity: NOAEL: 42 mg/kg body weight
		Species: Rabbit Application Rou	te: Ingestion
		Species: Rabbit Application Rou	ryo-foetal development te: Ingestion oxicity: NOAEL: 60 mg/kg body weight
	on Route on Route on Route enicity - Assess- c acid: on Route e time	on Route time	 Rat Ingestion 103 weeks positive Mouse Ingestion Ingestion Ingestion Ingestion Ingestion Ingestion Ingestion Ingestion Positive enicity - Assess- Weight of evider cinogen cacid: Mouse Ingestion Ingestion Ingestion Ingestion Ingestion cacid: Mouse Ingestion <li< td=""></li<>



/ersion 3.0	Revision Date: 06.07.2024		OS Number: 6684-00024	Date of last issue: 06.04.2024 Date of first issue: 12.05.2016
			Result: negative	e
Asco	orbic acid:			
	ts on foetal develop-	:	Test Type: Emb Species: Rat Application Rou Result: negative	
	T - single exposure classified based on availa	ble	information.	
STO	T - repeated exposure			
Not c	lassified based on availa	ble	information.	
Repe	eated dose toxicity			
Com	ponents:			
Pher	ylbutazone:			
Expo	EL EL cation Route sure time et Organs	· · · · · · · · · · · · · · · · · · ·	Rat 50 mg/kg 100 mg/kg Ingestion 13 Weeks Kidney Significant toxic	city observed in testing
		: : :	Mouse 150 mg/kg Ingestion 13 Weeks	
Asco	orbic acid:			
Spec		:	Rat, male	
NOA Appli	EL cation Route	:	>= 8.100 mg/kg Ingestion)
	sure time	:	13 Weeks	
-	ration toxicity lassified based on availa	ble	information.	
ECTIO	N 12: Ecological infor	ma	tion	
2 1 Tovi	oitu			
2.1 Toxi	-			
	ponents:			
Pher	ylbutazone:			
	oxicology Assessment e aquatic toxicity	:	Toxic effects ca	annot be excluded
Chro	nic aquatic toxicity	:	Toxic effects ca	annot be excluded
			11 / 15	



Version 8.0	Revision Date: 06.07.2024		0S Number: 6684-00024	Date of last issue: 06.04.2024 Date of first issue: 12.05.2016	
	orbic acid: ity to fish	:	Exposure time: 9	chus mykiss (rainbow trout)): 1.020 mg/l 6 h ⁻ est Guideline 203	
Toxicity to microorganisms		:	EC50 : 140 mg/l Exposure time: 16 h Method: DIN 38 412 Part 8		
12.2 Pers	istence and degradabi	ility			
Com	ponents:				
	o rbic acid: egradability	:	Result: Readily b Biodegradation: Exposure time: 5 Method: OECD 1	97 %	
12.3 Bioa	ccumulative potential				
Com	ponents:				
Partit	y lbutazone: ion coefficient: n- iol/water	:	log Pow: 3,16		
Partit	r bic acid: ion coefficient: n- iol/water	:	log Pow: -1,85		
	i lity in soil ata available				
12.5 Resu	Ilts of PBT and vPvB a	asses	ssment		
<u>Prod</u> Asse	<u>uct:</u> ssment	:	to be either persi	nixture contains no components considered stent, bioaccumulative and toxic (PBT), or nd very bioaccumulative (vPvB) at levels of	
12.6 Othe	r adverse effects				
Prod		:	ered to have end REACH Article 5	nixture does not contain components consid- locrine disrupting properties according to 7(f) or Commission Delegated regulation or Commission Regulation (EU) 2018/605 at higher.	



	ate of last issue: 06.04.2024 ate of first issue: 12.05.2016
--	---

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	 Dispose of in accordance with local regulations. According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. Do not dispose of waste into sewer.
Contaminated packaging	: Empty containers should be taken to an approved waste han- dling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

SECTION 14: Transport information

14.1 UN number

	ADN	:	Not regulated as a dangerous good	
	ADR	:	Not regulated as a dangerous good	
	RID	:	Not regulated as a dangerous good	
	IMDG	:	Not regulated as a dangerous good	
	ΙΑΤΑ	:	Not regulated as a dangerous good	
14.2	2 UN proper shipping name			
	ADN	:	Not regulated as a dangerous good	
	ADR	:	Not regulated as a dangerous good	
	RID	:	Not regulated as a dangerous good	
	IMDG	:	Not regulated as a dangerous good	
	ΙΑΤΑ	:	Not regulated as a dangerous good	
14.3 Transport hazard class(es)				
	ADN	:	Not regulated as a dangerous good	
	ADR	:	Not regulated as a dangerous good	
	RID	:	Not regulated as a dangerous good	
	IMDG	:	Not regulated as a dangerous good	
	ΙΑΤΑ	:	Not regulated as a dangerous good	
14.4 Packing group				
	ADN	:	Not regulated as a dangerous good	
	ADR	:	Not regulated as a dangerous good	
	RID	:	Not regulated as a dangerous good	
	IMDG	:	Not regulated as a dangerous good	
	IATA (Cargo)	:	Not regulated as a dangerous good	
	IATA (Passenger)	:	Not regulated as a dangerous good	

SAFETY DATA SHEET



Phenylbutazone Formulation

Version 8.0	Revision Date: 06.07.2024	SDS Number: 666684-00024	Date of last issue: 06.04.2024 Date of first issue: 12.05.2016		
14.5 Environmental hazards Not regulated as a dangerous good					
14.6 Special precautions for user Not applicable					
14.7 Transport in bulk according to Annex II of Marpol and the IBC Code					
Remai	Remarks : Not applicable for product as supplied.				
SECTION 15: Regulatory information					

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

The components of this product are reported in the following inventories:

AICS	:	not determined
DSL	:	not determined
IECSC	:	not determined

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Other information : Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

Full text of H-Statements

H301	:	Toxic if swallowed.
H319	:	Causes serious eye irritation.

Full text of other abbreviations

Acute Tox.	:	Acute toxicity
Eye Irrit.	:	Eye irritation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL



Version	Revision Date:	SDS Number:	Date of last issue: 06.04.2024
8.0	06.07.2024	666684-00024	Date of first issue: 12.05.2016

- Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI -Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative

Further information

Sources of key data used to	:	Internal technical data, data from raw material SDSs, OECD
compile the Safety Data Sheet		eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/

Classification of the mixtu	Classification procedure:	
Acute Tox. 4	H302	Calculation method
Eye Irrit. 2	H319	Calculation method

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

ZA / EN