

Version 2.8	Revision Date: 06.12.2023		S Number: 60463-00011	Date of last issue: 04.12.2023 Date of first issue: 17.10.2019
SECTIO	N 1. IDENTIFICATION			
Pro	duct name	:	Bismuth Subnitra	ate (with Mineral Oil) Formulation
Oth	er means of identification	:	Shutout (A011866) CEPRALOCK (89964)	
Ма	nufacturer or supplier's o	detai	ils	
Co	mpany	:	MSD	
Ado	dress	:		, 6th floor, Ciudad Autonoma rgentina C1013AAP
Tel	ephone	:	908-740-4000	
Em	ergency telephone	:	1-908-423-6000	
E-n	nail address	:	EHSDATASTEW	/ARD@msd.com
Re	commended use of the c	hem	ical and restriction	ons on use
	commended use strictions on use	:	Veterinary produ Not applicable	ict

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Specific target organ toxicity - repeated exposure	:	Category 1 (Central nervous system)
GHS label elements Hazard pictograms	:	
Signal Word	:	Danger
Hazard Statements	:	H372 Causes damage to organs (Central nervous system) through prolonged or repeated exposure.
Precautionary Statements	:	Prevention: P260 Do not breathe dust/ fume/ gas/ mist/ vapors/ spray. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. Response:



Version	Revision Date:	SDS Number:	Date of last issue: 04.12.2023
2.8	06.12.2023	5060463-00011	Date of first issue: 17.10.2019

P314 Get medical advice/ attention if you feel unwell.

Disposal:

P501 Dispose of contents/ container to an approved waste disposal plant.

Other hazards which do not result in classification

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Components

Chemical name	CAS-No.	Concentration (% w/w)
Bismuth hydroxide nitrate oxide	1304-85-4	>= 50 -< 70
White mineral oil (petroleum)	8042-47-5	>= 20 -< 30
Fatty acids, C14-26, aluminum salts	97404-28-9	>= 1 -< 5

SECTION 4. FIRST AID MEASURES

General advice	:	In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.
If inhaled	:	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
In case of skin contact	:	In case of contact, immediately flush skin with soap and plenty of water. Get medical attention if symptoms occur.
In case of eye contact	:	Flush eyes with water as a precaution. Get medical attention if irritation develops and persists.
If swallowed	:	If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water.
Most important symptoms and effects, both acute and delayed	:	Causes damage to organs through prolonged or repeated exposure.
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).
Notes to physician	:	Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

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



Vers 2.8	sion	Revision Date: 06.12.2023		OS Number: 60463-00011	Date of last issue: 04.12.2023 Date of first issue: 17.10.2019
	fighting	c hazards during fire I lous combustion prod-	:	Exposure to comb Nitrogen oxides (I Metal oxides Carbon oxides	oustion products may be a hazard to health. NOx)
	Specifi ods	c extinguishing meth-	:	cumstances and t Use water spray t	measures that are appropriate to local cir- he surrounding environment. o cool unopened containers. ged containers from fire area if it is safe to do
		l protective equipment fighters	:	In the event of fire	e, wear self-contained breathing apparatus. rective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Follow safe handling advice (see section 7) and personal protective equipment recommendations (see section 8).
Environmental precautions	:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.
Methods and materials for containment and cleaning up	:	Sweep up or vacuum up spillage and collect in suitable container for disposal. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regarding certain local or national requirements.

SECTION 7. HANDLING AND STORAGE

Technical measures	:	See Engineering measures under EXPOSURE CONTROLS/PERSONAL PROTECTION section.
Local/Total ventilation	:	Use only with adequate ventilation.
Advice on safe handling	•	Do not breathe dust, fume, gas, mist, vapors or spray. Do not swallow.
		Avoid contact with eyes.
		Avoid prolonged or repeated contact with skin.
		Wash skin thoroughly after handling.
		Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment
		Do not eat, drink or smoke when using this product.
		Take care to prevent spills, waste and minimize release to the environment.
Conditions for safe storage	:	Keep in properly labeled containers.



Version	Revision Date: 06.12.2023	SDS Number:	Date of last issue: 04.12.2023
2.8		5060463-00011	Date of first issue: 17.10.2019
Mate	rials to avoid	: Do not store wi	ance with the particular national regulations. th the following product types: Ibstances and mixtures des

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
White mineral oil (petroleum)	8042-47-5	CMP (Mist) CMP - CPT	5 mg/m ³ 10 mg/m ³	AR OEL AR OEL
		(Mist) TWA (Inhalable	5 mg/m ³	ACGIH
		particulate matter)		
Fatty acids, C14-26, aluminum salts	97404-28-9	TWA (Respirable particulate matter)	1 mg/m³ (Aluminum)	ACGIH

Ingredients with workplace control parameters

Engineering measures	Use feasible engineering controls to minimize exposure to compound. All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment.
Personal protective equipmer	nt
	If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection. Combined particulates and organic vapor type
Hand protection Material	Chemical-resistant gloves
Eye protection	Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty conditions, mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols.
Skin and body protection	Work uniform or laboratory coat. If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.



Version 2.8	Revision Date: 06.12.2023		S Number: 60463-00011	Date of last issue: 04.12.2023 Date of first issue: 17.10.2019
			engineering contr appropriate degov	ration of a facility should include review of ols, proper personal protective equipment, wning and decontamination procedures, monitoring, medical surveillance and the tive controls.
SECTION	9. PHYSICAL AND CH	ЕМІС		3
Appe	arance	:	ointment	
Color		:	White to light yel	low
Odor		:	No data available	9
Odor	Threshold	:	No data available	9
рН		:	No data available	9
Meltir	ng point/freezing point	:	No data available	9
Initial range	boiling point and boiling	:	No data available	9
Flash	point	:	No data available	9
Evap	oration rate	:	Not applicable	
Flam	mability (solid, gas)	:	No data available	9
	r explosion limit / Upper nability limit	:	No data available	9
	r explosion limit / Lower nability limit	:	No data available	9
Vapo	r pressure	:	Not applicable	
Relat	ive vapor density	:	Not applicable	
Relat	ive density	:	No data available	9
Dens	ity	:	No data available	9
	bility(ies) ater solubility	:	No data available	9
octan	ion coefficient: n- ol/water	:	Not applicable	
	gnition temperature	:	No data available	
	mposition temperature	:	No data available	2
Visco Vis	sity scosity, kinematic	:	Not applicable	



SDS Number:Date of last issue: 04.12.20235060463-00011Date of first issue: 17.10.2019
: Not explosive
: The substance or mixture is not classified as oxidizing.
: No data available
: No data available

SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac-	:	None known.
tions		
Conditions to avoid	:	None known.
Incompatible materials	:	None.
Hazardous decomposition products	:	No hazardous decomposition products are known.

SECTION 11. TOXICOLOGICAL INFORMATION

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

Acute toxicity

Not classified based on available information.

Components:

Bismuth hydroxide nitrate oxide:

Acute oral toxicity	:	LD50 (Rat): > 2.000 mg/kg Method: OECD Test Guideline 423 Remarks: Based on data from similar materials
Acute inhalation toxicity	:	LC50 (Rat): > 5,07 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 436 Remarks: Based on data from similar materials

White mineral oil (petroleum):

Acute oral toxicity	:	LD50 (Rat): > 5.000 mg/kg
Acute inhalation toxicity	:	LC50 (Rat): > 5 mg/l Exposure time: 4 h Test atmosphere: dust/mist Assessment: The substance or mixture has no acute inhala- tion toxicity



ersion 8	Revision Date: 06.12.2023		9S Number: 60463-00011	Date of last issue: 04.12.2023 Date of first issue: 17.10.2019
Acute	e dermal toxicity	:		> 2.000 mg/kg he substance or mixture has no acute dermal
Fatty	acids, C14-26, alumi	inum :	salts:	
Acute	e oral toxicity	:	Method: OECI	nale): > 2.000 mg/kg) Test Guideline 423 ed on data from similar materials
Acute	inhalation toxicity	:		: 4 h
Skin	corrosion/irritation			
Not c	lassified based on ava	ailable	information.	
Com	ponents:			
Bism	uth hydroxide nitrate	e oxid	e:	
Speci Metho		:	reconstructed OECD Test G	human epidermis (RhE) uideline 439
Resu	It	:	No skin irritatio	on
White	e mineral oil (petrole	um):		
Speci Resu	ies	:	Rabbit No skin irritatio	on
Fatty	acids, C14-26, alumi	inum :	salts:	
Speci		:		human epidermis (RhE)
Metho Rema		:	OECD Test Go Based on data	Indeline 431 from similar materials
Speci	ies	:	reconstructed	human epidermis (RhE)
Metho	bc	:	OECD Test G	uideline 439
Rema	arks	:	Based on data	from similar materials
Resu	lt	:	No skin irritatio	on
Serio	ous eye damage/eye i	irritati	on	
Not c	lassified based on ava	ailable	information.	
<u>Com</u>	ponents:			
Bism	uth hydroxide nitrate	e oxid	e:	
Speci		:	Rabbit	
Resu	IT	•	No eve irritatio	n

Species	:	Rabbit
Result	:	No eye irritation
Method	:	OECD Test Guideline 405



Version 2.8	Revision Date: 06.12.2023	SDS Number: 5060463-00011	Date of last issue: 04.12.2023 Date of first issue: 17.10.2019
2.0	00.12.2020	5000403 00011	
Whit	te mineral oil (petrole	um):	
Spee		: Rabbit	
Res	ult	: No eye irritatio	n
-	y acids, C14-26, alum		
Spec Resi		: Rabbit	
Meth		: No eye irritatio : OECD Test G	
	narks		a from similar materials
Res	piratory or skin sensi	tization	
Skin	sensitization		
Not	classified based on ava	ailable information.	
Res	piratory sensitization		
Not	classified based on ava	ailable information.	
Com	ponents:		
Bisn	nuth hydroxide nitrat	e oxide:	
	: Туре		ode assay (LLNA)
	tes of exposure	: Skin contact	
Spec		: Mouse	
Meth Resi		: OECD Test G : negative	uideline 429
Resi	uit	. negative	
Whit	te mineral oil (petrole	um):	
Test	Туре	: Buehler Test	
Rout	tes of exposure	: Skin contact	
Spec		: Guinea pig	
Res	uit	: negative	
Fatt	y acids, C14-26, alum	inum salts:	
	: Type		ode assay (LLNA)
	tes of exposure	: Skin contact	
Spee	cies	: Mouse	
Meth		: OECD Test G	uideline 429
Resi	ult narks	: negative : Based on data	a from similar materials
IXEII	ans	. Dased on data	a nom sinniar materiais
Geri	m cell mutagenicity		
Not	classified based on ava	ailable information.	
Com	nponents:		
Bisn	nuth hydroxide nitrat	e oxide:	
Gen	otoxicity in vitro		cterial reverse mutation assay (AMES)
		Result: negativ	ve ed on data from similar materials
		Remarks: Bas	eu un uata num similar materiais



ersion .8	Revision Date: 06.12.2023		S Number: 60463-00011	Date of last issue: 04.12.2023 Date of first issue: 17.10.2019
				o mammalian cell gene mutation test est Guideline 476
			Test Type: Chron Method: OECD T Result: negative	nosome aberration test in vitro est Guideline 473
White	e mineral oil (petrole	eum):		
	otoxicity in vitro	:	Test Type: In vitro Result: negative	o mammalian cell gene mutation test
Geno	otoxicity in vivo	:	cytogenetic assay Species: Mouse Application Route Method: OECD T Result: negative	nalian erythrocyte micronucleus test (in vivo y) e: Intraperitoneal injection fest Guideline 474 on data from similar materials
			Remarks. Dased	
Fatty	acids, C14-26, alum	ninum s	salts:	
Geno	otoxicity in vitro	:	Method: OECD T Result: negative	rial reverse mutation assay (AMES) est Guideline 471
			Remarks: Based	on data from similar materials
			Method: OECD T	o mammalian cell gene mutation test est Guideline 476
			Result: negative Remarks: Based	on data from similar materials
Carci	inogenicity			
Not c	lassified based on av	ailable	information.	
<u>Com</u>	ponents:			
White	e mineral oil (petrole	eum):		
Spec		:	Rat	
	cation Route sure time	:	Ingestion 24 Months	
Resu		:	negative	
Done	oductivo tovicity			
-	oductive toxicity lassified based on av	ailahle	information	
	ponents:	anabie		
	uth hydroxide nitrat	e ovid	2.	
	ts on fertility	:	Test Type: Comb	ined repeated dose toxicity study with the
			reproduction/deve Species: Rat Application Route	elopmental toxicity screening test e: Ingestion



Version Revision Date: 2.8 06.12.2023	SDS Number:Date of last issue: 04.12.20235060463-00011Date of first issue: 17.10.2019		
	Result: negative		
Effects on fetal development	Test Type: Embryo-fetal development Species: Rat Application Route: Ingestion Method: OECD Test Guideline 414 Result: negative		
White mineral oil (petroleur	n):		
Effects on fertility	: Test Type: One-generation reproduction toxicity study Species: Rat Application Route: Skin contact Result: negative		
Effects on fetal development	: Test Type: Embryo-fetal development Species: Rat Application Route: Ingestion Result: negative		
Fatty acids, C14-26, alumin	ım salts:		
Effects on fertility	 Test Type: Combined repeated dose toxicity study with reproduction/developmental toxicity screening test Species: Rat Application Route: Ingestion Method: OECD Test Guideline 422 Result: negative Remarks: Based on data from similar materials 	the	
Effects on fetal development	 Test Type: Reproduction/Developmental toxicity screening test Species: Rat Application Route: Ingestion Method: OECD Test Guideline 414 Result: negative Remarks: Based on data from similar materials 	ing	
STOT-single exposure Not classified based on avail	ble information.		
STOT-repeated exposure			

Causes damage to organs (Central nervous system) through prolonged or repeated exposure.

Components:

Bismuth hydroxide nitrate oxide:

Target Organs	:	Central nervous system
Assessment	:	Causes damage to organs through prolonged or repeated
		exposure.

Revision Date:

Version



Date of last issue: 04.12.2023

Bismuth Subnitrate (with Mineral Oil) Formulation

-	06.12.2023		60463-00011	Date of first issue: 17.10.2019
Repe	ated dose toxicity			
Com	ponents:			
White	e mineral oil (petrol	eum):		
		:	Rat 160 mg/kg Ingestion 90 Days	
	EL cation Route sure time	:	Rat >= 1 mg/l inhalation (dust 4 Weeks OECD Test Gu	
Fatty	acids, C14-26, alun	ninum	salts:	
Speci	ies	:	Rat >= 1000 mg/kg	
	cation Route	:	Ingestion	
•	sure time arks	:	42 Days Based on data	Z

SDS Number:

Components:

Bismuth hydroxide nitrate oxide:				
Ingestion	:	Target Organs: Blood Symptoms: Methaemoglobinemia Target Organs: Central nervous system Symptoms: Neurological disorders		

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Components:

Bismuth hydroxide nitrate oxide:

Toxicity to fish	:	LL50 (Danio rerio (zebra fish)): > 137 mg/l Exposure time: 96 h Test substance: Water Accommodated Fraction Method: OECD Test Guideline 203
Toxicity to daphnia and other aquatic invertebrates	:	EL50 (Daphnia magna (Water flea)): > 137 mg/l Exposure time: 48 h Test substance: Water Accommodated Fraction Method: OECD Test Guideline 202



ersion 3	Revision Date: 06.12.2023		0S Number: 60463-00011	Date of last issue: 04.12.2023 Date of first issue: 17.10.2019
Toxicity to algae/aquatic plants		:	 EL50 (Pseudokirchneriella subcapitata (green algae)) mg/l Exposure time: 72 h Test substance: Water Accommodated Fraction Method: OECD Test Guideline 201 	
			137 mg/l Exposure time: 72	Vater Accommodated Fraction
White	e mineral oil (petroleum	ı):		
	ity to fish	:	LC50 (Oncorhync Exposure time: 96 Method: OECD Te	
	ity to daphnia and other ic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
Toxici plants	ity to algae/aquatic	:	NOEC (Pseudokir mg/l Exposure time: 72 Method: OECD Te	
Toxici icity)	ity to fish (Chronic tox-	:	NOEC (Oncorhyn Exposure time: 28	chus mykiss (rainbow trout)): 1.000 mg/l 3 d
	ity to daphnia and other ic invertebrates (Chron- icity)	:	NOEC (Daphnia r Exposure time: 21	nagna (Water flea)): 1.000 mg/l d
Persi	stence and degradabili	ity		
<u>Comp</u>	oonents:			
	e mineral oil (petroleum gradability	ו): :	Result: Not readily Biodegradation: 3 Exposure time: 28	31 %
- - 44			14 -	
	acids, C14-26, aluminu gradability	um : :	Result: Readily bi Biodegradation: 8 Exposure time: 28 Method: OECD To	31,2 %



Version 2.8	Revision Date: 06.12.2023	•	DS Number: 060463-00011	Date of last issue: 04.12.2023 Date of first issue: 17.10.2019					
Bioa	Bioaccumulative potential								
Com	Components:								
Fatty	Fatty acids, C14-26, aluminum salts:								
	Partition coefficient: n- octanol/water:log Pow: > 7Remarks: Calculation								
Mob	ility in soil								
No d	No data available								
Othe	Other adverse effects								
No d	ata available								
SECTION 13. DISPOSAL CONSIDERATIONS									
Disp	osal methods								
Wast	te from residues	:		f waste into sewer. ordance with local regulations.					
Cont	aminated packaging	:	Empty containers handling site for	s should be taken to an approved waste recycling or disposal. pecified: Dispose of as unused product.					

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

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

Not applicable for product as supplied.

Special precautions for user

Not applicable

SECTION 15. REGULATORY INFORMATION

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

Argentina. Carcinogenic Substances and Agents Registry.	:	Not applicable
Control of precursors and essential chemicals for the preparation of drugs.	:	Not applicable



Ver 2.8	sion	Revision Date: 06.12.2023		0S Number: 60463-00011	Date of last issue: 04.12.2023 Date of first issue: 17.10.2019		
	The in AICS	gredients of this proc	duct :	are reported in th not determined	e following inventories:		
	DSL		:	not determined			
	IECSC		:	not determined			
SEC	CTION 1	6. OTHER INFORMA	ΓΙΟΝ	١			
	Revisio Date fo	on Date ormat	:	06.12.2023 dd.mm.yyyy			
	Source	e r information tes of key data used to the Material Safety heet	:		data, data from raw material SDSs, OECD arch results and European Chemicals Agen- ropa.eu/		
		xt of other abbreviation	ons				
	ACGIH AR OE		:		eshold Limit Values (TLV) ational Exposure Limits		
	AR OE	I / TWA L / CMP L / CMP - CPT	:	8-hour, time-weig TLV (Threshold L STEL (Short Tern	imit Value)		
	AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); 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; ERG - Emergency Response Guide; GHS - Globally Harmonized Sys- tem; 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 con- centration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemi- cal Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Or- ganisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Con- centration 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; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect						

Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; 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; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transporta-



Version	Revision Date:	SDS Number:	Date of last issue: 04.12.2023
2.8	06.12.2023	5060463-00011	Date of first issue: 17.10.2019

tion of Dangerous Goods; 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; WHMIS - Workplace Hazardous Materials Information System

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 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.

AR / Z8