



Version 2.1	Revision Date: 30.09.2023	-	S Number: 153934-00003	Date of last issue: 04.04.2023 Date of first issue: 20.12.2022	
SECTION	1. PRODUCT AND C	ОМРА		ΓΙΟΝ	
Produ	lct name	:	Copper Oxide S	olid Formulation	
Manu	facturer or supplier'	s detai	ils		
Comp	bany	:	MSD		
Address		:	Rua Coronel Bento Soares, 530 Cruzeiro - Sao Paulo - Brazil CEP 12730-340		
Telephone		:	908-740-4000		
Emer	gency telephone	:	1-908-423-6000		
E-ma	il address	:	EHSDATASTEV	VARD@msd.com	
Reco	mmended use of the	chem	ical and restricti	ons on use	
	mmended use ictions on use	:	Veterinary produ Not applicable	uct	

### **SECTION 2. HAZARDS IDENTIFICATION**

GHS Classification in accorda Short-term (acute) aquatic hazard	nce with ABNT NBR 14725 Standard Category 1	
Long-term (chronic) aquatic hazard	Category 1	
GHS label elements in accorda	ance with ABNT NBR 14725 Standard	
Hazard pictograms		
Signal Word	Warning	
Hazard Statements	H410 Very toxic to aquatic life with long lasting effects	s.
Precautionary Statements	<b>Prevention:</b> P273 Avoid release to the environment. <b>Response:</b> P391 Collect spillage.	



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#### Other hazards which do not result in classification

Dust contact with the eyes can lead to mechanical irritation. 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

Substance / Mixture : Mixture

Components	
------------	--

Chemical name	CAS-No.	Classification	Concentration (% w/w)
Copper oxide	1317-38-0	Short-term (acute) aquatic hazard, Category 1 Long-term (chronic) aquatic hazard, Category 1	>= 30 -< 50
Diiron trioxide	1309-37-1		>= 1 -< 5
tert-Butyl-4-methoxyphenol	25013-16-5	Acute toxicity (Oral), Category 5 Skin irritation, Category 2 Eye irritation, Category 2A Carcinogenicity, Category 2 Reproductive toxicity, Category 2 Short-term (acute) aquatic hazard, Category 2 Long-term (chronic) aquatic hazard, Category 2	>= 0,25 -< 1
2,6-Di-tert-butyl-p-cresol	128-37-0	Short-term (acute) aquatic hazard, Category 1 Long-term (chronic) aquatic hazard, Category 1	>= 0,1 -< 0,25

#### **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.
In case of skin contact	:	In case of contact, immediately flush skin with soap and plenty



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			of water.	
				inated clothing and shoes.
			Get medical atte	
			Wash clothing be	efore reuse.
			•	n shoes before reuse.
In cas	se of eye contact	:	If in eyes, rinse v	
	-		Get medical atte	ntion if irritation develops and persists.
lf swa	allowed	:	If swallowed, DC	ONOT induce vomiting.
			Get medical atte	
				roughly with water.
	important symptoms effects, both acute and	:	Contact with dus the skin.	st can cause mechanical irritation or drying of
delay	red		Dust contact with	h the eyes can lead to mechanical irritation.
Prote	ction of first-aiders	:	and use the reco	ders should pay attention to self-protection, ommended personal protective equipment ial for exposure exists (see section 8).
Notes	s to physician	:		tically and supportively.
SECTION	5. FIRE-FIGHTING ME	ASU	RES	
Suital	ble extinguishing media	:	Water spray	

		Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.
Specific hazards during fire fighting	:	Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard. Exposure to combustion products may be a hazard to health.
Hazardous combustion prod- ucts	:	Carbon oxides Metal oxides
Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
Special protective equipment for fire-fighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective 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.



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	ods and materials for inment and cleaning up	container for disp Avoid dispersal of with compressed Dust deposits sh surfaces, as thes released into the Local or national disposal of this m employed in the determine which Sections 13 and	f dust in the air (i.e., clearing dust surfaces

#### SECTION 7. HANDLING AND STORAGE

Technical measures	<ul> <li>Static electricity may accumulate and ignite suspended dust causing an explosion.</li> <li>Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres.</li> </ul>
Local/Total ventilation Advice on safe handling	<ul> <li>Use only with adequate ventilation.</li> <li>Do not breathe dust.</li> <li>Do not swallow.</li> <li>Avoid contact with eyes.</li> <li>Avoid prolonged or repeated contact with skin.</li> <li>Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment</li> <li>Minimize dust generation and accumulation.</li> <li>Keep container closed when not in use.</li> <li>Keep away from heat and sources of ignition.</li> <li>Take precautionary measures against static discharges.</li> </ul>
Hygiene measures	<ul> <li>Take care to prevent spills, waste and minimize release to the environment.</li> <li>If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place.</li> <li>When using do not eat, drink or smoke.</li> <li>Wash contaminated clothing before re-use.</li> <li>The effective operation of a facility should include review of engineering controls, proper personal protective equipment, appropriate degowning and decontamination procedures, industrial hygiene monitoring, medical surveillance and the use of administrative controls.</li> </ul>
Conditions for safe storage	<ul> <li>Keep in properly labeled containers.</li> <li>Store in accordance with the particular national regulations.</li> </ul>
Materials to avoid	Do not store with the following product types: Strong oxidizing agents

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

	•	•			
Components		CAS-No.	Value type	Control parame-	Basis



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				(Form of exposure)	ters / Permissible concentration	
Diiror	n trioxide		1309-37-1	TWA (Respirable particulate matter)	5 mg/m³	ACGIH
2,6-D	9i-tert-butyl-p-cresol		128-37-0	TWA (Inhalable fraction and vapor)	2 mg/m³	ACGIH
Engi	neering measures	:	compound. All engineering design and op	g controls shoul	rols to minimize expo d be implemented by dance with GMP prin d the environment.	r facility
Pers	onal protective equip	ment				
Fi Hand	iratory protection Iter type I protection	:	exposure asse recommended Particulates ty	essment demon I guidelines, use pe	tilation is not availabl strates exposures ou e respiratory protectio	itside the
Μ	aterial	:	Chemical-resi	stant gloves		
Eye ç	protection	:	If the work env mists or aeros Wear a facesh	vironment or act ols, wear the ap hield or other ful	e shields or goggles. ivity involves dusty copropriate goggles. I face protection if the he face with dusts, n	ere is a
Skin	and body protection	:	Work uniform	or laboratory co	at.	
SECTION	9. PHYSICAL AND C	HEMI	CAL PROPER	TIES		
Арре	arance	:	powder			
Color		:	metallic			
			gray			
Odor		:	No data avail	able		

- Odor Threshold : No data available
- pН No data available :
- Melting point/freezing point No data available :
- Initial boiling point and boiling : No data available range
- Flash point Not applicable 1 Evaporation rate
  - : Not applicable

### SAFETY DATA SHEET



## **Copper Oxide Solid Formulation**

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	Flamm	ability (solid, gas)	:	May form explosi	ive dust-air mixture during processing,
	1 Idinini		•	handling or other	means.
	Flamm	ability (liquids)	:	Not applicable	
		explosion limit / Upper ability limit	:	No data available	9
		explosion limit / Lower ability limit	:	No data available	9
	Vapor	pressure	:	Not applicable	
	Relativ	e vapor density	:	Not applicable	
	Relativ	e density	:	No data available	9
	Density	/	:	No data available	9
	Solubil Wa	ity(ies) ter solubility	:	No data available	9
	Partitio octano	n coefficient: n-	:	Not applicable	
		nition temperature	:	No data available	9
	Decom	position temperature	:	No data available	9
	Viscos Visc	ity cosity, kinematic	:	Not applicable	
	Explos	ive properties	:	Not explosive	
	Oxidizi	ng properties	:	The substance o	r mixture is not classified as oxidizing.
	Molecu	ılar weight	:	No data available	9
	Particle	e size	:	No data available	9

#### SECTION 10. STABILITY AND REACTIVITY

Reactivity Chemical stability Possibility of hazardous reac- tions	Not classified as a reactivity hazard. Stable under normal conditions. May form explosive dust-air mixture durin handling or other means. Can react with strong oxidizing agents.	g processing,
Conditions to avoid	Heat, flames and sparks. Avoid dust formation.	
Incompatible materials Hazardous decomposition	Oxidizing agents No hazardous decomposition products ar	e known.



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produ	ucts			
ECTION	11. TOXICOLOGICAL	. INF	ORMATION	
Inforr expo	mation on likely routes o sure	of :	Inhalation Skin contact Ingestion Eye contact	
	<b>e toxicity</b> classified based on avai	lable	information.	
<u>Com</u>	ponents:			
Сорр	per oxide:			
Acute	e oral toxicity	:	LD50 (Rat): > 2. Assessment: Th icity	500 mg/kg e substance or mixture has no acute oral tox
Acute	e dermal toxicity	:		000 mg/kg Test Guideline 402 e substance or mixture has no acute dermal
Diiro	n trioxide:			
Acute	e oral toxicity	:	LD50 (Rat): > 5.	000 mg/kg
tert-E	Butyl-4-methoxyphend	ol:		
Acute	e oral toxicity	:	LD50 (Rabbit): 2	2.100 mg/kg
Acute	e dermal toxicity	:		000 mg/kg Test Guideline 402 le substance or mixture has no acute dermal
2,6-D	)i-tert-butyl-p-cresol:			
	e oral toxicity	:	LD50 (Rat): > 6. Method: OECD	000 mg/kg Test Guideline 401
Acute	e dermal toxicity	:		000 mg/kg Test Guideline 402 le substance or mixture has no acute dermal
-	corrosion/irritation	lable	information.	
<u>Com</u>	ponents:			
Сорр	per oxide:			
Spec Meth Resu	od	:	Rabbit OECD Test Gui No skin irritation	



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<b>Diiron</b> Specie Metho Result	d	<ul> <li>Rabbit</li> <li>OECD Test Guideline 404</li> <li>No skin irritation</li> </ul>
<b>tert-Bi</b> Specie Result		<b>bl:</b> : Rabbit : Skin irritation
<b>2,6-Di</b> Specie Metho Result Remai	d	<ul> <li>Rabbit</li> <li>OECD Test Guideline 404</li> <li>No skin irritation</li> <li>Based on data from similar materials</li> </ul>
Not cla	us eye damage/eye in assified based on avai	
	<u>onents:</u> er oxide:	
Specie Result Metho	es	<ul> <li>Rabbit</li> <li>No eye irritation</li> <li>OECD Test Guideline 405</li> </ul>
<b>Diiron</b> Specie Result Metho		<ul> <li>Rabbit</li> <li>No eye irritation</li> <li>OECD Test Guideline 405</li> </ul>
tert-B	utyl-4-methoxyphen	)I:
Specie Result Remar		<ul> <li>Rabbit</li> <li>Irritation to eyes, reversing within 21 days</li> <li>Based on data from similar materials</li> </ul>
2,6-Di-	-tert-butyl-p-cresol:	
Specie Result Metho Remai	d	<ul> <li>Rabbit</li> <li>No eye irritation</li> <li>OECD Test Guideline 405</li> <li>Based on data from similar materials</li> </ul>
Respi	ratory or skin sensit	zation
	ensitization assified based on avai	able information.
-	ratory sensitization assified based on ava	able information.



rsion	30.09.2023	11153934-00003 Date of first issue: 20.12.2022
<u>Comp</u>	onents:	
Test T	s of exposure es d	<ul> <li>Maximization Test</li> <li>Skin contact</li> <li>Guinea pig</li> <li>OECD Test Guideline 406</li> <li>negative</li> </ul>
Diiron	trioxide:	
Routes Specie Result		<ul> <li>Skin contact</li> <li>Guinea pig</li> <li>negative</li> </ul>
tert-B	utyl-4-methoxyphe	enol:
Test T Routes Result	s of exposure	<ul> <li>Human repeat insult patch test (HRIPT)</li> <li>Skin contact</li> <li>negative</li> </ul>
2,6-Di	-tert-butyl-p-creso	l:
Toot T	vpe	: Human repeat insult patch test (HRIPT)
Test T Routes Specie Result	s of exposure es	<ul> <li>Skin contact</li> <li>Humans</li> <li>negative</li> </ul>
Routes Specie Result <b>Germ</b>	s of exposure es cell mutagenicity	: Skin contact : Humans
Routes Specie Result Germ Not cla <u>Comp</u>	s of exposure es cell mutagenicity assified based on av onents:	<ul> <li>Skin contact</li> <li>Humans</li> <li>negative</li> </ul>
Routes Specie Result Germ Not cla <u>Comp</u>	s of exposure es <b>cell mutagenicity</b> assified based on av	<ul> <li>Skin contact</li> <li>Humans</li> <li>negative</li> </ul>
Routes Specie Result <b>Germ</b> Not cla <b>Comp</b> Genote	s of exposure es cell mutagenicity assified based on av onents: er oxide:	<ul> <li>Skin contact</li> <li>Humans</li> <li>negative</li> </ul> vailable information. : Test Type: Bacterial reverse mutation assay (AMES) Method: OECD Test Guideline 471 Result: negative
Routes Specie Result Germ Not cla Comp Genote	s of exposure es <b>cell mutagenicity</b> assified based on av <u>onents:</u> er oxide: oxicity in vitro	<ul> <li>Skin contact</li> <li>Humans</li> <li>negative</li> <li>vailable information.</li> <li>Test Type: Bacterial reverse mutation assay (AMES) Method: OECD Test Guideline 471 Result: negative Remarks: Based on data from similar materials</li> <li>Test Type: Mammalian erythrocyte micronucleus test (in viv cytogenetic assay) Species: Mouse Application Route: Ingestion Result: negative</li> </ul>
Routes Specie Result Germ Not cla Comp Genote Genote	s of exposure es cell mutagenicity assified based on av <u>onents:</u> er oxide: oxicity in vitro	<ul> <li>Skin contact</li> <li>Humans</li> <li>negative</li> <li>vailable information.</li> <li>Test Type: Bacterial reverse mutation assay (AMES) Method: OECD Test Guideline 471 Result: negative Remarks: Based on data from similar materials</li> <li>Test Type: Mammalian erythrocyte micronucleus test (in viv cytogenetic assay) Species: Mouse Application Route: Ingestion Result: negative</li> </ul>
Routes Specie Result Germ Not cla Comp Genote Genote Diiron Genote	s of exposure es cell mutagenicity assified based on av onents: er oxide: oxicity in vitro oxicity in vitro	<ul> <li>Skin contact</li> <li>Humans</li> <li>negative</li> </ul> vailable information. Test Type: Bacterial reverse mutation assay (AMES) Method: OECD Test Guideline 471 Result: negative Remarks: Based on data from similar materials Test Type: Mammalian erythrocyte micronucleus test (in viv cytogenetic assay) Species: Mouse Application Route: Ingestion Result: negative Remarks: Based on data from similar materials Test Type: Chromosome aberration test in vitro Method: OECD Test Guideline 473 Result: negative



sion	Revision Date: 30.09.2023	SDS Number: 11153934-0000	Date of last issue: 04.04.2023 3 Date of first issue: 20.12.2022
			n vitro mammalian cell gene mutation test CD Test Guideline 476 ative
		Test Type: ( Result: nega	Chromosome aberration test in vitro ative
			DNA damage and repair, unscheduled DNA syr mmalian cells (in vitro) ative
2,6-D	i-tert-butyl-p-cresol:		
Geno	toxicity in vitro	: Test Type: E Result: nega	Bacterial reverse mutation assay (AMES) ative
		Test Type: I Result: nega	n vitro mammalian cell gene mutation test ative
		Test Type: 0 Result: nega	Chromosome aberration test in vitro ative
Geno	toxicity in vivo	cytogenetic Species: Ra	Route: Ingestion
Carci	nogenicity		
	lassified based on avai	lable information.	
<u>Comp</u>	ponents:		
Diiro	n trioxide:		
Speci		: Rat	
	cation Route	: Intraperitone	
Resul	sure time It	: 790 - 914 da : negative	ays
	Butyl-4-methoxyphene		
Speci		: Rat	
	cation Route	: Ingestion : 104 weeks	
Resul	sure time It	: positive	
Speci	es	: Hamster, ma	ale
	cation Route	: Ingestion	
	sure time	: 24 weeks	
		: positive	
Resul	lt	. positive	



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2,6-D	)i-tert-butyl-p-cresol:			
	cation Route sure time	:	Rat Ingestion 22 Months negative	
Repr	oductive toxicity			
Not c	classified based on availa	able	information.	
<u>Com</u>	ponents:			
Сорр	per oxide:			
Effec	ts on fertility	:	Species: Rat Application Route Method: OECD T Result: negative	generation reproduction toxicity study e: Ingestion est Guideline 416 on data from similar materials
tert-E	Butyl-4-methoxyphenol	:		
Effec	ts on fertility	:	Test Type: One-g Species: Rat Application Route Result: negative	generation reproduction toxicity study e: Ingestion
Effec	ts on fetal development	:	Test Type: Fertili Species: Mouse Application Route Result: positive	ty/early embryonic development
Repr sessi	oductive toxicity - As- ment	:	Some evidence of animal experiment	of adverse effects on development, based on the section of the sec
2,6-D	)i-tert-butyl-p-cresol:			
	ts on fertility	:	Test Type: Two-g Species: Rat Application Route Result: negative	generation reproduction toxicity study e: Ingestion
Effec	ts on fetal development	:	Test Type: Embry Species: Rat Application Route Result: negative	yo-fetal development e: Ingestion

#### STOT-single exposure

Not classified based on available information.

#### STOT-repeated exposure

Not classified based on available information.



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<u>Co</u>	mponents:			
	- <b>Di-tert-butyl-p-cresol:</b> sessment	:	No significant heations of 100 mg/k	alth effects observed in animals at concentra- g bw or less.
Re	peated dose toxicity			
<u>Co</u>	mponents:			
Co	pper oxide:			
NC Ap Exj	ecies DAEL plication Route posure time marks	:	Mouse 1000 ppm Ingestion 92 Days Based on data fro	om similar materials
ter	t-Butyl-4-methoxyphenol	:		
NC LO Apj	ecies DAEL AEL plication Route posure time	:	Rat 50 mg/kg 250 mg/kg Ingestion 8 Months	
2,6	-Di-tert-butyl-p-cresol:			
NC Ap	ecies )AEL plication Route posure time	:	Rat 25 mg/kg Ingestion 22 Months	
No	<b>piration toxicity</b> t classified based on availa			
SECTIC	ON 12. ECOLOGICAL INFO	DRN	MATION	
Ec	otoxicity			
<u>Co</u>	mponents:			
Co	pper oxide:			
To	xicity to fish	:	mg/l Exposure time: 96	s promelas (fathead minnow)): > 0,01 - 0,1 6 h on data from similar materials
	xicity to daphnia and other uatic invertebrates	:	Exposure time: 48	nagna (Water flea)): > 0,1 - 1 mg/l 3 h on data from similar materials
	Factor (Acute aquatic tox-	:	10	
icit To:	y) xicity to fish (Chronic tox-	:	NOEC (Oncorhyr	nchus mykiss (rainbow trout)): > 0,001 - 0,01
			12 / 17	



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icity)			mg/l Exposure time: 32 Remarks: Based o	2 d on data from similar materials
	ty to daphnia and other ic invertebrates (Chron- city)	:	Exposure time: 7	nnia dubia (water flea)): > 0,001 - 0,01 mg/l d on data from similar materials
M-Fac toxicit	ctor (Chronic aquatic y)	:	10	
Diiror	n trioxide:			
Toxici	ty to fish	:	LC50 (Danio rerio Exposure time: 96	(zebra fish)): > 50.000 mg/l S h
	ty to daphnia and other ic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
Toxici	ty to microorganisms	:	EC50: > 10.000 m Exposure time: 3	
tert-B	utyl-4-methoxyphenol			
	ty to fish	:	LC50 (Danio rerio Exposure time: 96 Method: OECD Te	
	ty to daphnia and other ic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
Toxici plants	ty to algae/aquatic	:	ErC50 (Pseudokir mg/l Exposure time: 72 Method: OECD To	
			NOEC (Pseudokir mg/l Exposure time: 72 Method: OECD Te	
2 6-Di	-tert-butyl-p-cresol:			
	ty to fish	:	Exposure time: 96	(zebra fish)): > 0,57 mg/l 5 h 67/548/EEC, Annex V, C.1.
	ty to daphnia and other ic invertebrates	:	EC50 (Daphnia m Exposure time: 48 Method: OECD Te	
Toxici plants	ty to algae/aquatic	:	ErC50 (Pseudokir mg/l Exposure time: 72 Method: OECD Te	



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		mg/l Exposur	Pseudokirchneriella subcapitata (green algae)): 0,24 e time: 72 h OECD Test Guideline 201
	ctor (Acute aquatic tox-	1	
icity) Toxici icity)	ty to fish (Chronic tox-	Exposur	Dryzias latipes (Japanese medaka)): 0,053 mg/l e time: 30 d OECD Test Guideline 210
	ty to daphnia and other ic invertebrates (Chron-		Daphnia magna (Water flea)): 0,316 mg/l e time: 21 d
M-Fac	ctor (Chronic aquatic	1	
toxicit Toxici	y) ty to microorganisms	Exposur	10.000 mg/l e time: 3 h OECD Test Guideline 209
Persis	stence and degradabili		
Comp	oonents:		
	<b>-tert-butyl-p-cresol:</b> gradability	Biodegra Exposur	Not readily biodegradable. Idation: 4,5 % e time: 28 d OECD Test Guideline 301C
Bioac	cumulative potential		
<u>Comp</u>	oonents:		
tert-B	utyl-4-methoxyphenol		
Bioac	cumulation		Oryzias latipes (Orange-red killifish) entration factor (BCF): 16 - 21
	on coefficient: n- bl/water	log Pow: Method:	2,82 OECD Test Guideline 117
2,6-Di	-tert-butyl-p-cresol:		
Bioac	cumulation		Cyprinus carpio (Carp) entration factor (BCF): 330 - 1.800
	on coefficient: n- bl/water	log Pow	5,1
	<b>ity in soil</b> ta available		
	adverse effects ta available		



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SECTION	13. DISPOSAL CONSI	DERATIONS
Dispo	sal methods	
Waste	e from residues	<ul> <li>Do not dispose of waste into sewer.</li> <li>Dispose of in accordance with local regulations.</li> <li>Empty containers should be taken to an approved waste</li> </ul>
Conta	minated packaging	handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.
SECTION	14. TRANSPORT INFO	RMATION
Intern	ational Regulations	
UNRT		
UN nu Prope	imber r shipping name	<ul> <li>UN 3077</li> <li>ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.</li> </ul>
		(Copper oxide, 2,6-Di-tert-butyl-p-cresol)
Class Packir	ng group	: 9 : III
Labels		: 9
Enviro	onmentally hazardous	: yes
IATA-	-	
UN/ID		: UN 3077
Class	r shipping name	<ul> <li>Environmentally hazardous substance, solid, n.o.s. (Copper oxide, 2,6-Di-tert-butyl-p-cresol)</li> <li>9</li> </ul>
	ng group	: U
Labels		: Miscellaneous
aircrat	,	: 956
ger ai	ng instruction (passen-	: 956
•	onmentally hazardous	: yes
IMDG	-Code	
UN nu		
Prope	r shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Copper oxide, 2,6-Di-tert-butyl-p-cresol)
Class		: 9
	ng group	: 111
Labels EmS (		: 9 : F-A, S-F
-	e pollutant	: Yes
		to Annex II of MARPOL 73/78 and the IBC Code
	oplicable for product as	-
	estic regulation	
ANTT		
UN nu Prope	ımber r shipping name	<ul> <li>: UN 3077</li> <li>: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.</li> </ul>



Ver 2.1	sion	Revision Date: 30.09.2023		DS Number: 153934-00003	Date of last issue: 04.04.2023 Date of first issue: 20.12.2022				
	Class Packing group Labels Hazard Identification Number			(Copper oxide, 2,6-Di-tert-butyl-p-cresol) 9 1 III 9 2 9 2 90					
	<b>Special precautions for user</b> The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within this Safety Dat Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.								
SECTION 15. REGULATORY INFORMATION									
	Safety, health and environmental regulations/legislation specific for the substance or mixture								
	National List of Carcinogenic Agents for Humans - (LINACH)								
	Group 2B: Possibly carcinoge tert-Butyl-4-methoxyphenol			to humans	25013-16-5				
	Brazil. List of chemicals controlled by the Federal : Calcium carbonate Police								
	The ingredients of this product are reported in the following inventories:         AICS       : not determined								
	DSL		:	not determined					
	IECSC		:	not determined					
SEC	SECTION 16. OTHER INFORMATION								
	Revisio Date fo	on Date ormat	:	30.09.2023 dd.mm.yyyy					
	Furthe	r information							
		es of key data used to e the Material Safety heet	:		data, data from raw material SDSs, OECD arch results and European Chemicals Agen-ropa.eu/				
	Full te	xt of other abbreviation	ons						

### ACGIH : USA. ACGIH Threshold Limit Values (TLV)

ACGIH / TWA	÷.	8-hour, time-weighted average

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;



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ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; 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 - 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; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) 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 - Transportation 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 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.

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