according to Regulation (EC) No. 1907/2006



# ROTOSAFE 700 823 Pale Gold

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#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier	
------------------------	--

Trade name : ROTOSAFE 700 823 Pale Gold

Product code : 071332C60

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the	
Substance/Mixture	

### : Colouring agents, pigments

#### 1.3 Details of the supplier of the safety data sheet

Company	: ECKART GmbH Guentersthal 4 91235 Hartenstein	
Telephone	: +499152770	
Telefax	: +499152777008	
E-mail address of person responsible for the SDS	: msds.eckart@altana.com	<u>n</u>

#### 1.4 Emergency telephone number

NCEC: +44 1235 239670 (Europe) Call and response in your language is possible. Contract no.: ECKART29003-NCEC.

#### **SECTION 2: Hazards identification**

### 2.1 Classification of the substance or mixture

#### Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4	H302: Harmful if swallowed.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Short-term (acute) aquatic hazard, Category 1	H400: Very toxic to aquatic life.
Long-term (chronic) aquatic hazard, Category 1	H410: Very toxic to aquatic life with long lasting effects.

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2.2 Label	elements			
	l <b>ling (REGULATION (</b> rd pictograms	( <b>EC)</b> :	No 1272/2008)	¥2
Signa	l word	:	Warning	
Hazaı	rd statements	:	H302 H319 H410	Harmful if swallowed. Causes serious eye irritation. Very toxic to aquatic life with long lasting effects.
Preca	utionary statements	:	<b>Prevention:</b> P264 P273 P280 <b>Response:</b> P337 + P313 P391 <b>Disposal:</b> P501	Wash skin thoroughly after handling. Avoid release to the environment. Wear eye protection/ face protection. If eye irritation persists: Get medical advice/ attention. Collect spillage. Dispose of contents/ container to an approved waste disposal plant.

#### Hazardous components which must be listed on the label:

Copper

#### 2.3 Other hazards

#### **Combustible Solids**

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.

#### **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures

#### Components

Chemical name	CAS-No.	ClassificationREGUL	Concentration
	EC-No.	ATION (EC) No	(% w/w)
	Index-No.	1272/2008	
	Registration number		
Copper	7440-50-8	Acute Tox. 4; H302	>= 50 - <= 100
		Eye Irrit. 2; H319	
	231-159-6	Aquatic Acute 1;	
	01-2119480154-42	H400	

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3.0 zinc p (stabil	14.02.2023 www.even.even.even.even.even.even.even.e		Date of first issue: 17.03.2020Aquatic Chronic 1; H410M-Factor (Acute aquatic toxicity): 10M-Factor (Chronic aquatic toxicity): 10Aquatic Acute 1; H400 Aquatic Chronic 1; H4104-37Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT RE 2; H373 (Liver, Gastrointestinal tract, Immune system) Asp. Tox. 1; H304 Aquatic Chronic 1; H400 Aquatic Chronic 1; H400 Aquatic Chronic 1; H400 Aquatic Chronic 1; H400 Aquatic Chronic 1; 	) >= 2.5 - < 10 >= 0.25 - < 1
			aquatic toxicity): 10 M-Factor (Chronic aquatic toxicity): 10	

For explanation of abbreviations see section 16.

### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

General advice	:	Move the victim to fresh air.
		Move out of dangerous area. Show this safety data sheet to the doctor in attendance.
If inhaled	:	If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a physician.
In case of skin contact	:	Wash off immediately with soap and plenty of water.
In case of eye contact	:	Immediately flush eye(s) with plenty of water. Remove contact lenses. Keep eye wide open while rinsing.

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lf swal	lowed	Never give anyth	tract clear. or alcoholic beverages. ing by mouth to an unconscious person. sist, call a physician.
4.2 Most in	nportant symptoms a	nd effects, both acut	e and delayed
Risks		: Harmful if swallor Causes serious e	
	ion of any immediate ation is not available.	medical attention an	d special treatment needed

#### **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Suitable extinguishing media	:	Special powder against metal fire Dry sand ABC powder
Unsuitable extinguishing media	:	Water High volume water jet Carbon dioxide (CO2)
5.2 Special hazards arising from	the	e substance or mixture
Specific hazards during firefighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
5.3 Advice for firefighters		
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if necessary.
Further information	:	Standard procedure for chemical fires.
		Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

#### **SECTION 6: Accidental release measures**

#### 6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	: Use personal protective equipment.
·	Evacuate personnel to safe areas.
	Use personal protective equipment.
	Avoid dust formation.

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		Avoid breat	ning dust.
6.2 Enviro	nmental precautions		
Enviro	nmental precautions	: The product courses or t	should not be allowed to enter drains, water he soil.
		Prevent furt	duct from entering drains. her leakage or spillage if safe to do so. ct contaminates rivers and lakes or drains inform authorities.
6.3 Method	ds and material for co	ontainment and c	leaning up
	ds for cleaning up		nical handling equipment.
		Pick up and	transfer to properly labelled containers.
		Keep in suit	able, closed containers for disposal.
6.4 Refere	nce to other sections		

For personal protection see section 8.

### **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

Advice on safe handling		Avoid creating dust. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.
		Avoid formation of respirable particles. Do not breathe vapours/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
		Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.
Hygiene measures	:	General industrial hygiene practice. Do not smoke. Wash hands before breaks and at the end of workday. Keep away from food and drink. Keep away from tobacco products.

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				ot eat or drink. When using do not smoke. Fre breaks and at the end of workday.
7.2 Cond	litions for safe storage,	inc	luding any incom	patibilities
	uirements for storage as and containers	:		tions / working materials must comply with safety standards.
			store near combu closed in a cool,	sources of ignition - No smoking. Do not Istible materials. Keep containers tightly well-ventilated place. To maintain product ore in heat or direct sunlight.
			place. Containers resealed and kep	ghtly closed in a dry and well-ventilated which are opened must be carefully t upright to prevent leakage. Electrical king materials must comply with the ety standards.
	her information on age conditions	:	Protect from hum	idity and water.
Adv	ice on common storage	:	strongly acid mat	oxidizing agents, strongly alkaline and erials in order to avoid exothermic reactions. ther with oxidizing and self-igniting products.
Dan	npness	:	Keep in a dry, co	ol and well-ventilated place.
	her information on age stability	:	No decomposition if stored and applied as directed.	

#### 7.3 Specific end use(s)

### **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

#### **Occupational Exposure Limits**

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
Copper	7440-50-8	TWA (Fumes)	0.2 mg/m3 (Copper)	GB EH40
		TWA (Dusts and mists)	1 mg/m3 (Copper)	GB EH40
		STEL (Dusts and mists)	2 mg/m3 (Copper)	GB EH40
zinc powder — zinc dust (stabilised)	7440-66-6	TWA (Inhalable)	10 mg/m3	GB EH40
		TWA (Respirable	4 mg/m3	GB EH40

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		fra	ction)		
Derive	ed No Effect Le	vel (DNEL) acco	rding to Regulation	(EC) No. 1907/2006:	
Substa	ance name	End Use	Exposure routes	Potential health effects	Value
Coppe	r	Workers	Skin contact	Long-term systemic effects	137 mg/kg
		Workers	Skin contact	Acute systemic effects	273 mg/kg
		Workers	Inhalation	Long-term systemic effects	20 mg/m3
		Consumers	Inhalation	Long-term local effects	1 mg/m3
		Consumers	Inhalation	Acute local effects	1 mg/m3
		Consumers	Skin contact	Long-term systemic effects	137 mg/kg
		Consumers	Skin contact	Acute systemic effects	273 mg/kg
		Consumers	Ingestion	Long-term systemic effects	0.041 mg/kg
	owder — zinc stabilised)	Workers	Inhalation	Long-term systemic effects	5 mg/m3
		Workers	Skin contact	Long-term systemic effects	83 mg/kg
		Consumers	Inhalation	Long-term systemic effects	2.5 mg/m3
		Consumers	Skin contact	Long-term systemic effects	83 mg/kg
		Consumers	Ingestion	Long-term systemic effects	0.83 mg/kg

Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Copper	Fresh water	0.0078 mg/l
	Marine water	0.0052 mg/l
	STP	0.230 mg/l
	Fresh water sediment	87 mg/kg
	Marine sediment	676 mg/kg
	Soil	65 mg/kg
zinc powder — zinc dust (stabilised)	Fresh water	0.0206 mg/l
	Marine water	0.0061 mg/l
	STP	0.100 mg/l
	Fresh water sediment	235.6 mg/kg
	Marine sediment	121 mg/kg
	Soil	35.6 mg/kg

#### 8.2 Exposure controls

#### Personal protective equipment

Eye/face protection :

: Safety glasses

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				Tightly fitting safe Wear face-shield problems.	ty goggles and protective suit for abnormal processing
F	Hand p Mate	rotection erial	:	Leather	
	Ren	narks	:	only depend on its and is different fro break through tim producer and this preventive skin pr The suitability for	he choice of an appropriate glove does not a material but also on other quality features of one producer to the other. The exact e can be obtained from the protective glove has to be observed. Recommended otection a specific workplace should be discussed s of the protective gloves.
S	Skin ar	nd body protection	:	Long sleeved clot Safety shoes	hing
					protective suit ection according to the amount and ne dangerous substance at the work place.
F	Respira	atory protection	:	Use suitable brea requires. Respirator with a P1 filter	thing protection if workplace concentration dust filter

#### **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Physical state	: pellets
Colour	: gold
Odour	: odourless
Odour Threshold	: No data available
Freezing point	: No data available
Boiling point/boiling range	: No data available
Flammability	: Combustible Solids
•	

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		explosion limit / Upper ability limit	:	No data available	9
	Lower	explosion limit / Lower ability limit	:	No data available	9
	Flash p	point	:	No data available	)
	Auto-ig	nition temperature	:	Not relevant	
	Decom	position temperature	:	No data available	)
	рН		:	substance/mixtur	e is non-soluble (in water)
	Viso	cosity, kinematic	:	No data available	2
	Solubili Wat	ity(ies) ter solubility	:	insoluble	
	Solu	ubility in other solvents	:	No data available	)
	Partitio octano	n coefficient: n- I/water	:	No data available	9
	Vapour	rpressure	:	No data available	9
	Relativ	e density	:	No data available	)
	Density	/	:	No data available	)
	Relativ	e vapour density	:	No data available	)
	Par	ticle Size Distribution	:		

#### 9.2 Other information

No data available

#### **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No decomposition if stored and applied as directed.

#### 10.2 Chemical stability

No decomposition if stored and applied as directed.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions	:	Stable under recommended storage conditions.
		No hazards to be specially mentioned.
		No decomposition if stored and applied as directed.

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		Dust may f	orm explosive mixture in air.
		-	
10.4 Cond	litions to avoid		
Condi	itions to avoid	: No data av	ailable
		No data av	ailable
10.5 Incon	npatible materials		
	rdous decomposition ation is not available	-	
SECTION	I 11: Toxicological	information	
11.1 Inforr	mation on hazard cla	asses as defined i	n Regulation (EC) No 1272/2008
	e toxicity		
	ful if swallowed.		
Produ			
	oral toxicity		ity estimate: 597.88 mg/kg Iculation method
<u>Comp</u>	oonents:		
Сорр	er:		
	oral toxicity	: Assessmer single inges	t: The component/mixture is moderately toxic after stion.
zinc p	oowder — zinc dust	(stabilised):	
-	<b>oowder — zinc dust</b> oral toxicity	(stabilised): : (Rat): > 2,0	)00 mg/kg
Acute		: (Rat): > 2,0 : LC50 (Rat) Exposure ti	: 5.41 mg/l me: 4 h
Acute Acute	oral toxicity inhalation toxicity	: (Rat): > 2,0 : LC50 (Rat) Exposure ti	: 5.41 mg/l
Acute Acute Skin (	oral toxicity inhalation toxicity corrosion/irritation	: (Rat): > 2,0 : LC50 (Rat) Exposure ti Test atmos	: 5.41 mg/l me: 4 h
Acute Acute Skin o Not cl	oral toxicity inhalation toxicity corrosion/irritation assified based on ava	: (Rat): > 2,0 : LC50 (Rat) Exposure ti Test atmos	: 5.41 mg/l me: 4 h
Acute Acute Skin (	oral toxicity inhalation toxicity corrosion/irritation assified based on ava	: (Rat): > 2,0 : LC50 (Rat) Exposure ti Test atmos	: 5.41 mg/l me: 4 h
Acute Acute <b>Skin</b> ( Not cl <b>Produ</b> Rema	oral toxicity inhalation toxicity corrosion/irritation assified based on ava	: (Rat): > 2,0 : LC50 (Rat) Exposure ti Test atmos	: 5.41 mg/l me: 4 h phere: dust/mist
Acute Acute <b>Skin</b> ( Not cl <b>Produ</b> Rema	oral toxicity inhalation toxicity corrosion/irritation assified based on ava <u>uct:</u> arks	: (Rat): > 2,0 : LC50 (Rat) Exposure ti Test atmos	: 5.41 mg/l me: 4 h phere: dust/mist

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	<b>decylamine:</b> essment	: Irritating to ski	n.
Serie	ous eye damage/eye ir	ritation	
Caus	ses serious eye irritation	1.	
<u>Prod</u> Rem		: Eye irritation	
<u>Com</u>	ponents:		
<b>Cop</b> Resu		: Eye irritation	
octa	decylamine:		
	essment	: Corrosive	
Resp	piratory or skin sensiti	isation	
-	sensitisation classified based on avai	lable information.	
•	<b>biratory sensitisation</b> classified based on avai	lable information.	
	n cell mutagenicity classified based on avai	lable information.	
	<b>inogenicity</b> classified based on avai	lable information.	
-	<b>oductive toxicity</b> classified based on avai	lable information.	
STO	<b>T - single exposure</b> classified based on avai		
STO	T - repeated exposure		
	ponents:		
Expo Targ	decylamine: osure routes et Organs ossment		e system, Immune system mage to organs through prolonged or repeated

#### Aspiration toxicity

Not classified based on available information.

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<u>Comp</u>	oonents:		
	lecylamine: be fatal if swallowed and	l enters airways.	
11.2 Infori	mation on other hazard	ds	
Furth	er information		
<u>Produ</u> Rema		: No data availal	ble
Comp	oonents:		
Сорр	er:		
Rema	arks	: No data availal	ble
zinc p	oowder — zinc dust (s	tabilised):	
Rema	arks	: No data availal	ble
SECTION	I 12: Ecological info	rmation	
12.1 Toxic <u>Com</u> r	sity ponents:	rmation	
12.1 Toxic <u>Com</u> r Copp M-Fac	sity ponents:		
12.1 Toxic <u>Comp</u> Copp M-Fac aquat M-Fac	<b>bity</b> <b>bonents:</b> <b>er:</b> ctor (Short-term (acute)		
12.1 Toxic <u>Comp</u> M-Fac aquat M-Fac (chror	<b>Sity</b> <b>Doments:</b> <b>er:</b> Ctor (Short-term (acute) ic hazard) Ctor (Long-term	: 10 : 10	
12.1 Toxic Comp M-Fac aquat M-Fac (chror Ecoto	<b>Sity</b> <b>Doments:</b> <b>er:</b> ctor (Short-term (acute) ic hazard) ctor (Long-term hic) aquatic hazard)	: 10 : 10	quatic life.
12.1 Toxic Comp M-Fac aquat M-Fac (chror Ecoto Acute	city <u>conents:</u> er: ctor (Short-term (acute) ic hazard) ctor (Long-term hic) aquatic hazard) <b>oxicology Assessment</b>	: 10 : 10 : : : Very toxic to ad	quatic life. quatic life with long lasting effects.
12.1 Toxic Comp M-Fac aquat M-Fac (chror Ecoto Acute Chror	city <u>conents:</u> er: ctor (Short-term (acute) ic hazard) ctor (Long-term hic) aquatic hazard) <b>pxicology Assessment</b> aquatic toxicity	: 10 : 10 : Very toxic to ad : Very toxic to ad	
12.1 Toxic Comp M-Fac aquat M-Fac (chror Ecoto Acute Chror zinc p	ctor (Short-term (acute) ic hazard) ctor (Long-term hic) aquatic hazard) <b>exicology Assessment</b> aquatic toxicity hic aquatic toxicity	: 10 : 10 : Very toxic to ad : Very toxic to ad tabilised):	
12.1 Toxic Comp M-Fac aquat M-Fac (chror Ecoto Acute Chror zinc p Ecoto	ctor (Short-term (acute) ic hazard) ctor (Long-term hic) aquatic hazard) cxicology Assessment aquatic toxicity hic aquatic toxicity bowder — zinc dust (st	: 10 : 10 : Very toxic to ad : Very toxic to ad tabilised):	quatic life with long lasting effects.
12.1 Toxic Comp M-Fac aquat M-Fac (chror Ecoto Acute Chror zinc p Ecoto Acute	city <u>conents:</u> er: ctor (Short-term (acute) ic hazard) ctor (Long-term hic) aquatic hazard) <b>oxicology Assessment</b> aquatic toxicity hic aquatic toxicity <b>bowder — zinc dust (st</b> <b>oxicology Assessment</b>	: 10 : 10 : Very toxic to ad : Very toxic to ad tabilised): : : Very toxic to ad	quatic life with long lasting effects.
12.1 Toxic Comp M-Fac aquat M-Fac (chror Ecoto Acute Chror Ecoto Acute Chror	sity ponents: er: ctor (Short-term (acute) ic hazard) ctor (Long-term hic) aquatic hazard) pxicology Assessment aquatic toxicity hic aquatic toxicity powder — zinc dust (st pxicology Assessment aquatic toxicity	: 10 : 10 : Very toxic to ad : Very toxic to ad tabilised): : : Very toxic to ad	quatic life with long lasting effects.



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aqu	atic hazard)			
	actor (Long-term onic) aquatic hazard)	:	10	
Eco	otoxicology Assessment	:		
Acu	te aquatic toxicity	:	Very toxic to aqua	atic life.
Chr	onic aquatic toxicity	:	Very toxic to aqua	atic life with long lasting effects.
	<b>sistence and degradabil</b> data available	lity		
	accumulative potential data available			
	<b>bility in soil</b> data available			
12.5 Res	sults of PBT and vPvB a	sse	ssment	
	<u>duct:</u> essment	:	to be either persis	nixture contains no components considered stent, bioaccumulative and toxic (PBT), or nd very bioaccumulative (vPvB) at levels of
	docrine disrupting prope data available	ertie	25	
12.7 Oth	er adverse effects			
Add	<u>duct:</u> litional ecological rmation	:	unprofessional ha	I hazard cannot be excluded in the event of andling or disposal. atic life with long lasting effects.
<u>Cor</u>	nponents:			
Cop	oper:			
	litional ecological rmation	:	unprofessional ha	I hazard cannot be excluded in the event of andling or disposal. atic life with long lasting effects.
zine	c powder — zinc dust (si	tabi	lised):	
	litional ecological rmation	:	unprofessional ha	I hazard cannot be excluded in the event of andling or disposal. atic life with long lasting effects.

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SECTIO	N 13: Disposal consi	der	ations	
	pean Waste Catalogue pean Waste Catalogue	:	10 03 21 - other	errous metal dust and particles particulates and dust (including ball-mill dust) dous substances
13.1 Was	te treatment methods			
Prod	uct	:	courses or the so Do not contamin chemical or used Send to a license	ate ponds, waterways or ditches with
Cont	aminated packaging	:	Empty remaining Dispose of as un Do not re-use en In accordance w	used product.

#### **SECTION 14: Transport information**

14.1 UN number or ID number			
ADR	:	UN 3077	
IMDG	:	UN 3077	
ΙΑΤΑ	:	UN 3077	
14.2 UN proper shipping name			
ADR	:	ENVIRONMENTALL' N.O.S. (Copper metal powde	Y HAZARDOUS SUBSTANCE, SOLID, er)
IMDG	:	ENVIRONMENTALL' N.O.S. (Copper metal powde	Y HAZARDOUS SUBSTANCE, SOLID, er)
ΙΑΤΑ	:	Environmentally hazardous substance, solid, n.o.s. (Copper metal powder)	
14.3 Transport hazard class(es)			
		Class	Subsidiary risks
ADR	:	9	
IMDG	:	9	
ΙΑΤΑ	:	9	
14.4 Packing group			

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F C H L	Hazard ₋abels Funnel	group cation Code Identification Number restriction code	:	III M7 90 9 (-)	
F	MDG Packing Labels EmS Co Remark	ode	:	III 9 F-A, S-F IMDG Code segre salts	egation group 7 - Heavy metals and their
F a F F	aircraft)	instruction (cargo instruction (LQ)	:	956 Y956 III 9	
F (  F	Packing passen	Passenger) instruction ger aircraft) instruction (LQ) group	:	956 Y956 III 9	
14.5 E	Enviroi	nmental hazards			
E	MDG	mentally hazardous pollutant	:	yes yes	
		policiant		,	
	Remark	-	:	packagings conta	ings <=5L / 5 kg, or combination ining inner packagings <= 5L / 5 kg net per SV375 ADR, 2.10.2.7 IMDG-Code, A197 be applied.

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 Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

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#### **SECTION 15: Regulatory information**

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

Relevant EU provisions transposed through retained EU law

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII)	:	Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer	:	Not applicable
UK REACH List of substances subject to authorisation (Annex XIV)	:	Not applicable

#### 15.2 Chemical safety assessment

No data available

#### **SECTION 16: Other information**

#### Full text of H-Statements

H302	:	Harmful if swallowed.
H304	:	May be fatal if swallowed and enters airways.
H315	:	Causes skin irritation.
H318	:	Causes serious eye damage.
H319	:	Causes serious eye irritation.
H373	:	May cause damage to organs through prolonged or repeated exposure.
H400	:	Very toxic to aquatic life.
H410	:	Very toxic to aquatic life with long lasting effects.
Full text of other abbreviation	ons	
Acute Tox.	:	Acute toxicity
Aquatic Acute	:	Short-term (acute) aquatic hazard
Aquatic Chronic	:	Long-term (chronic) aquatic hazard
Asp. Tox.	:	Aspiration hazard
Eye Dam.	:	Serious eye damage
Eye Irrit.	:	Eye irritation
Skin Irrit.	:	Skin irritation
STOT RE	:	Specific target organ toxicity - repeated exposure
GB EH40		LUC ELIAO MEL Markingana Evinantia Lincita
	•	UK. EH40 WEL - Workplace Exposure Limits
GB EH40 / TWA	:	Long-term exposure limit (8-hour TWA reference period)
GB EH40 / TWA GB EH40 / STEL	:	· · ·

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

according to Regulation (EC) No. 1907/2006



### ROTOSAFE 700 823 Pale Gold

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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 - 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; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### Further information

Classification of the	Classification procedure:	
Acute Tox. 4	H302	Calculation method
Eye Irrit. 2	H319	Calculation method
Aquatic Acute 1	H400	Calculation method
Aquatic Chronic 1	H410	Calculation method

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 given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

GB / EN