Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

ROTOSAFE 700 083 Pale Gold

Version 3.0

Revision Date 12.04.2024

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

1.1 Product identifier

Trade name	: ROTOSAFE 700 083 Pale Gold
Material number	: 071482D80

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

This information is not available.

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	: msds.eckart@altana.com
Responsible/issuing person	

1.4 Emergency telephone number

NCEC: (contract no.: ECKART29003-NCEC) +44 1235 239671 (Middle East/Africa, call and response in your language) +1 215 207 0061 (Americas, call and response in your language) +65 3158 1074 (Asia-Pacific, call and response in your language)

SECTION 2: Hazards identification

GHS Classification

: Acute toxicity, Category 4, Oral, H302 Serious eye damage/eye irritation, Category 2A, H319 Short-term (acute) aquatic hazard, Category 1, H400

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Long-term (chronic) aquatic hazard, C	ategory 1, H410
: Warning	
: H302: Harmful if swallowed. H319: Causes serious eye irritation. H410: Very toxic to aquatic life with log	ng lasting effects.
Rinse mouth.	en using this product. ent. tection. /ED: Get medical help. Rinse cautiously with ntact lenses, if present s: Get medical help.
which must be listed on the label	
CAS-No. 7440-50-8	
	Long-term (chronic) aquatic hazard, C : : : : : : : : : : : : :

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Combustible Solids

SECTION 3: Composition/information on ingredients

:

Substance No.

Hazardous components

Chemical name	CAS-No. EINECS-No.	Classification and labelling	Concentration[%]
copper	7440-50-8 231-159-6	Acute Tox.;4;H302 ;2A;H319 Aquatic Acute;1;H400 Aquatic Chronic;1;H410	50 - 100
zinc	7440-66-6 231-175-3	Aquatic Acute;1;H400 Aquatic Chronic;1;H410	2,5 - 10
octadecylamine	124-30-1 204-695-3	;2;H315 ;1;H318 STOT RE;2;H373 Asp. Tox.;1;H304 Aquatic Acute;1;H400 Aquatic Chronic;1;H410	0,25 - 1

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

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General advice	: Move the victim to fresh air. Move out of dangerous area. Show this safety data sheet to the doo	ctor in attendance.
If inhaled	: If unconscious, place in recovery posi advice. If symptoms persist, call a physician.	
In case of skin contact In case of eye contact	 Wash off immediately with soap and p Immediately flush eye(s) with plenty o Remove contact lenses. Keep eye wide open while rinsing. If eye irritation persists, consult a spece 	f water.
If swallowed	 Keep respiratory tract clear. Do not give milk or alcoholic beverage Never give anything by mouth to an un If symptoms persist, call a physician. 	25.

4.2 Most important symptoms and effects, both acute and delayed

This information is not available.

4.3 Indication of any immediate medical attention and special treatment needed

This information is not available.

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 substance or mixture

Specific hazards during	:	Do not allow run-off from fire fighting to enter drains or water
firefighting		courses.

5.3 Advice for firefighters

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Special protective equipment for firefighters	: Wear self-contained breathing apparatu necessary.	s for firefighting if
Further information	: Standard procedure for chemical fires.	
	Collect contaminated fire extinguishing weight must not be discharged into drains. Fire contaminated fire extinguishing water meaccordance with local regulations.	residues and

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. Avoid breathing dust.
----------------------	---

6.2 Environmental precautions

General advice : The product should not be allowed to enter drains, w courses or the soil. Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drain respective authorities.	s inform
---	----------

This information is not available.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up	:	Use mechanical handling equipment.
		Pick up and transfer to properly labelled containers.
		Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

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SECTION 7: Handling and storage

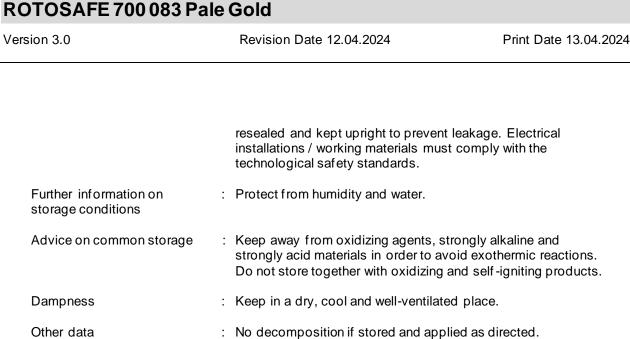
7.1 Precautions for safe handling	
Advice on safe handling :	Avoid creating dust. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces.
	Avoid formation of respirable particles. Do not breathe vapours/dust. Avoid contact with skin and eyes. For personal protection 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.
	When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	: Electrical installations / working the technological safety standa	
	Keep away from sources of igr store near combustible materia closed in a cool, well-ventilated quality, do not store in heat or c	ls. Keep containers tightly place. To maintain product
	Keep container tightly closed ir place. Containers which are op	
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7.3 Specific end use(s)

This information is not available.

SECTION 8: Exposure controls/personal protection

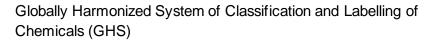
8.1 Control parameters

Germany:

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
copper	7440-50-8	AGW (inhalable fraction)	1 mg/m3		DE TRGS 900
zinc	7440-66-6	AGW (Inhalable fraction)	10 mg/m3	2021-07-02	DE TRGS 900
Peak-limit: excursion factor (category)		2;(II)			
Further inform	ation		ompliance with the one of the one	-	cal tolerance
zinc	7440-66-6	AGW (Alveolate fraction)	1,25 mg/m3	2021-07-02	DE TRGS 900
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Peak-limit: excursion factor (category)	2;(II)
Further information	When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child

8.2 Exposure controls

Personal protective equipme	ent	
Eye protection	 Safety glasses Tightly fitting safety goggles Wear face-shield and protecti problems. 	ve suit for abnormal processing
Hand protection		
Material	: Leather	
Remarks		can be obtained from the this has to be observed. n protection orkplace should be discussed
Skin and body protection	 Long sleeved clothing Safety shoes Dust impervious protective su Choose body protection acco concentration of the dangerou 	
Respiratory protection	5	tion if workplace concentration
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Environmental exposure controls

General advice	courses or the soil. Prevent product from entering	
		If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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	Water solubility	:	insoluble	
	Solubility(ies)			
	Density	:	5 - 8,4 g/cm3	
	Vapour pressure	:	No data available	
	Lower explosion limit	:	No data available	
	Upper explosion limit	:	No data available	
	Auto-flammability	:	No data available	
	Flammability (solid, gas)	:	Combustible Solid	S
	Bulk density	:	No data available	
	Flash point	:	No data available	
	Boiling point/boiling range	:	Not applicable	
	Melting point/range	:	920 - 1 065 °C	
	рН	:	substance/mixture	is non-soluble (in water)
	Odour	:	characteristic	
	Colour	:	gold	
	Appearance	:	pellets	



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: immiscible
: No data available

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

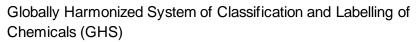
Hazardous reactions :	Stable under recommended storage conditions., No hazards to be specially mentioned.
	No decomposition if stored and applied as directed.
	Dust may form explosive mixture in air.

10.4 Conditions to avoid

10.5 Incompatible materials

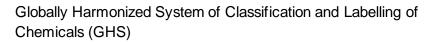
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Materials to avoid	: No data available	
10.6 Hazardous decomposition p	products	
Other information	: No data available	
SECTION 11: Toxicological in	formation	
11.1 Information on toxicological	l effects	
Acute toxicity		
<u>Components:</u> copper : Acute oral toxicity	: The component/mixture is moder ingestion.	ately toxic after single
Skin corrosion/irritation		
<u>Product</u>		
May cause skin irritation in su	sceptible persons.	
Serious eye damage/eye irritatio	n	
<u>Product</u>		
Eye irritation		
Respiratory or skin sensitisation		
No data available		
Carcinogenicity		
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No data available

Toxicity to reproduction/fertility

No data available

Reprod.Tox./Development/Teratogenicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration toxicity

No data available

Further information

Product

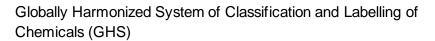
No data available

SECTION 12: Ecological information

12.1 Toxicity

Components: copper (7440-50-8) :

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M-Factor Ecotoxicology Assessment	: 10
Short-term (acute) aquatic hazard	: Very toxic to aquatic life.
Long-term (chronic) aquatic hazard	: Very toxic to aquatic life with long lasting effects.
zinc (7440-66-6) :	
M-Factor	: 1
Ecotoxicology Assessment	
Short-term (acute) aquatic hazard	: Very toxic to aquatic life.
Long-term (chronic) aquatic hazard	: Very toxic to aquatic life with long lasting effects.
octadecylamine (124-30-1) :	
M-Factor	: 10
Ecotoxicology Assessment	
Short-term (acute) aquatic hazard	: Very toxic to aquatic life.
Long-term (chronic) aquatic hazard	: Very toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

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12.6 Other adverse effects

Product:

Additional ecological	:	An environmental hazard cannot be excluded in the event of
information		unprofessional handling or disposal., Very toxic to aquatic life
		with long lasting effects.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	 The product should not be allowed to enter drains, water courses or the soil. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company. In accordance with local and national regulations.
Contaminated packaging	 Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. In accordance with local and national regulations.

SECTION 14: Transport information

14.1 UN number	
ADR	: 3077
TDG	
Not dangerous goods	
CFR	

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Not dangerous goods			
IMDG	: 3077		
ΙΑΤΑ	: 3077		
14.2 Proper shipping name			
ADR	: ENVIRONMENTALLY HAZARDOUS N.O.S.	S SUBSTANCE, SOLID,	
TDG	(Copper metal powder)		
Not dangerous goods			
Not dangerous goods			
IMDG	: ENVIRONMENTALLY HAZARDOUS N.O.S.	S SUBSTANCE, SOLID,	
	(,Copper metal powder)		
ΙΑΤΑ	: ENVIRONMENTALLY HAZARDOUS N.O.S. (Copper metal powder)	S SUBSTANCE, SOLID,	
14.2 Transport bazard alass			
14.3 Transport hazard class ADR	: 9		
TDG			
Not dangerous goods			
CFR			
Not dangerous goods			
IMDG	: 9		
ΙΑΤΑ	: 9		
14.4 Packing group			
ADR			

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Packaging group	:	III
Classification Code	:	M7
Hazard Identification Number	:	90
Labels	:	9
Tunnel restriction code	:	(-)
TDG		
Not dangerous goods		
CFR		
Not dangerous goods		
IMDG		
Packaging group	:	III
Labels	:	9
EmS Code	:	F-A, S-F
ΙΑΤΑ		
Packing instruction (cargo aircraft)	:	956
Packing instruction (passenger aircraft)	:	956
Packing instruction (LQ)	:	Y956
Packaging group	:	III
Labels	:	9
14.5 Environmental hazards		
IMDG	:	Marine pollutant
ADR	:	Environmentally hazardous

14.6 Special precautions for user

IMDG Code- segregation group:

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: IMDG Code segregation group 7 - Heavy metals and their salts

For single packagings <=5L / 5 kg, or combination packagings containing inner packagings <= 5L / 5 kg net per inner packaging, SV375 ADR, 2.10.2.7 IMDG-Code, A197 IATA-DGR may be applied.

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

No data available

SECTION 15: Regulatory information

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

REACH - Candidate List of Substances of Very High : Not applicable Concern for Authorisation (Article 59). REACH - List of substances subject to authorisation : Not applicable (Annex XIV) Regulation (EC) No 1005/2009 on substances that : Not applicable deplete the ozone layer Regulation (EU) 2019/1021 on persistent organic : Not applicable pollutants (recast) REACH - Restrictions on the manufacture, placing on : Not applicable the market and use of certain dangerous substances, mixtures and articles (Annex XVII)

15.2 Chemical safety assessment

No data available

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SECTION 16: Other information

:	Harmful if swallowed.
:	May be fatal if swallowed and enters airways.
:	Causes skin irritation.
:	Causes serious eye damage.
:	Causes serious eye irritation.
:	May cause damage to organs through prolonged or repeated exposure if swallowed.
:	Very toxic to aquatic life.
:	Very toxic to aquatic life with long lasting effects.
	: : : : : : : : : : : : : : : : : : : :

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.

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