

Printing date: 21.12.2022

*

Version number 9 (replaces version 8)

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1.1 Product identifier	
Trade name: <u>Platinum plating bath PT 10, 2 g Pt/l</u> <u>Platinbad PT 10, 2 g Pt/l</u>	
Article number:	
81010880	
81020433 = 1 Liter	
UFI: CQ58-T0EN-R007-H29F	
1.2 Relevant identified uses of the substance or mixture and uses advised against Not approved for private consumers.	
Application of the substance / the mixture Galvanic bath	
1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier:	
Heimerle + Meule GmbH	
Dennigstrasse 16 D-75179 Pforzheim	
Telefon +49 (0) 7231 940-0	
Telefax +49 (0) 7231 940-2199	
www.heimerle-meule.com	
Further information obtainable from:	
Abteilung BASU - Bau/Arbeitssicherheit/Umwelt Department BASU - Construction / Occupational Safety / Environment	
sds@heimerle-meule.com	
IATA - 24h Emergency Contact - IATA - 24h Emergency Contact -	
(Dangerous goods emergency number)	
+49 172 739 6970	
1.4 Emergency telephone number:	
DEUTSCHLAND - GERMANY:	
Vergiftungs-Informations-Zentrale Freiburg, ++49 761 19240 (24 h)	
(Poisoning Information Center)	
<u>GREAT BRITAIN:</u>	
National Poisons Information Service +44 121 507 4123	
Members of the public seeking specific information on poisons should contact:	
In England and Wales: NHS 111 - dial 111 - In Scotland: NHS 24 - dial 111 IRELAND	
$\frac{110D1110}{+35318092166}$ (7 Days 8 am -10 pm)	
Healthcare Professionals: +353 1 809 2566	
ITALY:	
Istituto Superiore di Sanità (ISS) +3906499906140	
Centro Antiveleni	
Bergamo: +39 800 883300	
Firenze +39 055 794 7819	
Milano: +39 055 794 7819 Roma +39 06 68593726	
Roma +39 06 68595726 Roma +39 06 49978000	
Roma +39 06 3954343	
KROATIA - REPUBLIKA HRVATSKA:	
(+385) 01 2348 342	
ESTLAND - ESTONIA:	
Tervisemeti Mürgistusteabekeskuse	
National (24/7): 16662	



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(+372) 7943 794 <u>LETTLAND - LATVIA:</u> Valsts Toksikoloģijas centrs, Saindēšanās un zāļu informācijas centrs, (24h) 112 (24h) +371 67042473 <u>LITAUEN - LIETUVOS RESPUBLIKA:</u> Poison Information Bureau (24/7), Tel.: +8 5 236 20 52 Apsinuodijimų informacijos biuras



· 2.1 Classification of the substance or mixture · Classification according to Regulation (EC) No 1272/2008



Skin Corr. 1A H314 Causes severe skin burns and eye damage. Eye Dam. 1 H318 Causes serious eye damage.

· 2.2 Label elements

- · Labelling according to Regulation (EC) No 1272/2008
- The product is classified and labelled according to the GB CLP regulation.
- Hazard pictograms



· Signal word Danger

 Hazard-determining components of labelling: sulphuric acid
 Hazard statements

H314 Causes severe skin burns and eye damage.

· Precautionary statements

P260 Do not breathe dusts or mists.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

- P310 Immediately call a POISON CENTER/doctor.
- P321 Specific treatment (see on this label).
- P405 Store locked up.
- *P501 Dispose of contents/container in accordance with local/regional/national/international regulations.*

· 2.3 Other hazards

· Results of PBT and vPvB assessment

· PBT: Not applicable.

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· vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

· Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous components / Information on ingredients:

	sulphuric acid; sulfuric acid	<10%
EINECS: 231-639-5	Net. Corr.1, H290; Skin Corr. 1A, H314	
Index number: 016-020-00-8	Specific concentration limits: Skin Corr. 1A; H314: $C \ge 15 \%$	
Reg.nr.: 01-2119453338-20	<i>Skin Irrit. 2; H315: 5 % ≤ C < 15 %</i>	
_	<i>Eye Irrit. 2; H319: 5 % ≤ C < 15 %</i>	
	-	

• *Additional information:* For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

• 4.1 Description of first aid measures

• General information:

Immediately remove any clothing soiled by the product.

Personal protection for the First Aider.

Take affected persons out of danger area and lay down.

Involve doctor immediately after a accident or unwell

• After inhalation: In case of unconsciousness place patient stably in side position for transportation.

• After skin contact:

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

• After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

· After swallowing:

Rinse out mouth and then drink plenty of water.

Drink plenty of water and provide fresh air. Call for a doctor immediately.

A person vomiting while laying on their back should be turned onto their side.

- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

SECTION 5: Firefighting measures

- 5.1 Extinguishing media
- · Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture
- *In case of fire, the following can be released: Sulphuric acid aerosol - sulfur oxides*

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- 5.3 Advice for firefighters
- Protective equipment:



Wear self-contained respiratory protective device.

Beware: Filter masks provide protection for a short period of time only. They should only be used in exceptional cases, that is if a small amount of the substance has spilled out or in order to fight spillages and fire

• Additional information

Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures Mount respiratory protective device.
 Wear protective equipment. Keep unprotected persons away.
 Use respiratory protective device against the effects of fumes/dust/aerosol.
 Only handle and refill product in closed systems.
- 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

• 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

• 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Keep receptacles tightly sealed.

Ensure good ventilation/exhaustion at the workplace.

he usual precautionary measures are to be adhered to when handling chemicals.

Prevent formation of aerosols.

Wear suitable respiratory protective device when decanting larger quantities without extractor facilities. Do not dry clean dust covered objects and floors. Wash thoroughly with plenty of water. • Information about fire - and explosion protection: Keep respiratory protective device available.

- 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Observe official regulations on storing packagings. Observe official regulations on storing packagings. Prevent any seepage into the ground.
- · Information about storage in one common storage facility:

 \overline{S} tore away from foodstuffs.

• Further information about storage conditions:

Keep container tightly sealed. Store under lock and key and out of the reach of children.

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• Storage class: 8 B

• 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

• Ingredients with limit values that require monitoring at the workplace: CAS: 7664-93-9 sulphuric acid	
	Long-term value: 0.05 mg/m ³
AGW (Germany)	Long-term value: 0.1 E mg/m ³ 1(I);DFG, EU, Y

· Regulatory information

WEL (Great Britain): EH40/2020 IOELV (European Union): (EU) 2019/1831 AGW (Germany): TRGS 900

• Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

• Appropriate engineering controls No further data; see item 7.

· Individual protection measures, such as personal protective equipment

• General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale gases / fumes / aerosols.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

According to EC Directive 89/686/EEC

• Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Beware: Filter masks provide protection for a short period of time only. They should only be used in exceptional cases, that is if a small amount of the substance has spilled out or in order to fight spillages and fire.

according EN 14387 according to EN 143

• Recommended filter device for short term use: Filter P2

• Hand protection



Protective gloves

according to EN 374 To avoid skin problems reduce the wearing of gloves to the required minimum. Only use chemical-protective gloves with CE-labelling of category III. Sensibilisation by the components in the glove materials is possible. Check the permeability prior to each anewed use of the glove. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

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	on of the penetration times, rates of diffusion and the
degradation	
	anniferous skin-protecting agents for the avoidance of sk
softening due to perspiration is recommended.	
Material of gloves	
Nitrile rubber, NBR	
Recommended thickness of the material: ≥ 0.38 mm	n
Penetration time of glove material	
	by the manufacturer of the protective gloves and has to
observed.	- EN 16522 1.2015 and a set of an of an element of the
	p EN 16523-1:2015 are not performed under practic
recommended.	e, which corresponds to 50% of the penetration time,
	w the penetration time has to be at least 480 minut
(Permeation according to EN 374 Part 3: Level 3).	
Value for the permeation: Level ≤ 3	
Not suitable are gloves made of the following mat	terials.
Leather gloves	
Strong material gloves	
Eye/face protection	
Tightly sealed goggles	
-	
according to EN 166	
according to EN 166	
according to EN 166 Body protection: Protective work clothing	
Body protection: Protective work clothing	
	perties
Body protection: Protective work clothing SECTION 9: Physical and chemical prop	
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p	
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information	
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state	roperties Fluid
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour:	roperties Fluid Light yellow
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour:	properties Fluid Light yellow Odourless
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold:	properties Fluid Light yellow Odourless Not determined.
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point:	properties Fluid Light yellow Odourless
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling	properties Fluid Light yellow Odourless Not determined. Undetermined.
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range	Fluid Light yellow Odourless Not determined. Undetermined. 100°C (212°F)
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flammability	properties Fluid Light yellow Odourless Not determined. Undetermined.
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flammability Lower and upper explosion limit	Fluid Light yellow Odourless Not determined. Undetermined. 100°C (212°F) Not applicable.
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flammability Lower and upper explosion limit Lower:	Fluid Light yellow Odourless Not determined. Undetermined. 100°C (212°F) Not applicable. Not determined.
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flammability Lower and upper explosion limit Lower: Upper:	Fluid Light yellow Odourless Not determined. Undetermined. 100°C (212°F) Not applicable. Not determined. Not determined.
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point:	Fluid Light yellow Odourless Not determined. Undetermined. 100°C (212°F) Not applicable. Not determined. Not determined. Not determined. Not applicable.
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Decomposition temperature:	Fluid Light yellow Odourless Not determined. Undetermined. 100°C (212°F) Not applicable. Not determined. Not determined.
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Decomposition temperature: pH at 20°C (68°F)	Fluid Light yellow Odourless Not determined. Undetermined. 100°C (212°F) Not applicable. Not determined. Not determined. Not determined. Not applicable.
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Decomposition temperature: pH at 20°C (68°F) Viscosity:	Fluid Light yellow Odourless Not determined. Undetermined. 100°C (212°F) Not applicable. Not determined. Not determined. Not determined. Not determined. I
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Decomposition temperature: pH at 20°C (68°F) Viscosity: Kinematic viscosity	Fluid Light yellow Odourless Not determined. Undetermined. 100°C (212°F) Not applicable. Not determined. Not determined. Not determined. Not determined. I Not determined. I
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Decomposition temperature: pH at 20°C (68°F) Viscosity: Kinematic viscosity Dynamic:	Fluid Light yellow Odourless Not determined. Undetermined. 100°C (212°F) Not applicable. Not determined. Not determined. Not determined. Not determined. I
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Decomposition temperature: pH at 20°C (68°F) Viscosity: Kinematic viscosity Dynamic: Solubility	Fluid Light yellow Odourless Not determined. Undetermined. 100°C (212°F) Not applicable. Not determined. Not determined. Not determined. I Not determined. I Not determined. I
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Decomposition temperature: pH at 20°C (68°F) Viscosity: Kinematic viscosity Dynamic: Solubility water:	Fluid Light yellow Odourless Not determined. Undetermined. 100°C (212°F) Not applicable. Not determined. Not determined. Not determined. I Not determined. I Not determined. Fully miscible.
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Decomposition temperature: pH at 20°C (68°F) Viscosity: Kinematic viscosity Dynamic: Solubility water: Partition coefficient n-octanol/water (log value)	Fluid Light yellow Odourless Not determined. Undetermined. 100°C (212°F) Not applicable. Not determined. Not determined. Not determined. I Not determined. I Not determined. Fully miscible. Not determined.
Body protection: Protective work clothing SECTION 9: Physical and chemical prop 9.1 Information on basic physical and chemical p General Information Physical state Colour: Odour: Odour threshold: Melting point/freezing point: Boiling point or initial boiling point and boiling range Flammability Lower and upper explosion limit Lower: Upper: Flash point: Decomposition temperature: pH at 20°C (68°F) Viscosity: Kinematic viscosity Dynamic: Solubility water:	Fluid Light yellow Odourless Not determined. Undetermined. 100°C (212°F) Not applicable. Not determined. Not determined. Not determined. I Not determined. I Not determined. Fully miscible.



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Density and/or relative density		
Density at 20°C (68°F):	1.05 g/cm ³ (8.76 lbs/gal)	
Relative density	Not determined.	
Vapour density	Not determined.	
9.2 Other information		
Appearance:		
Form:	Fluid	
Important information on protection of heal environment, and on safety.	lth and	
Auto-ignition temperature:	Product is not selfigniting.	
Explosive properties:	Product does not present an explosion hazard.	
Change in condition		
Evaporation rate	Not determined.	
Information with regard to physical hazard	classes	
Explosives	Void	
Flammable gases	Void	
Aerosols	Void	
Oxidising gases	Void	
Gases under pressure	Void	
Flammable liquids	Void	
Flammable solids	Void	
Self-reactive substances and mixtures	Void	
Pyrophoric liquids	Void	
Pyrophoric solids	Void	
Self-heating substances and mixtures	Void	
Substances and mixtures, which emit flamm	able	
gases in contact with water	Void	
Oxidising liquids	Void	
Oxidising solids	Void	
Organic peroxides	Void	
Corrosive to metals	Void	
Desensitised explosives	Void	

SECTION 10: Stability and reactivity

· 10.1 Reactivity No further relevant information available.

· 10.2 Chemical stability

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · 10.3 Possibility of hazardous reactions Reacts with acids, alkalis and oxidising agents.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: Reaktions with metalls
- · 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- · 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- · Skin corrosion/irritation Causes severe skin burns and eye damage.
- Serious eye damage/irritation Causes serious eye damage.

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• 11.2 Information on other hazards

· Endocrine disrupting properties

None of the ingredients is listed.

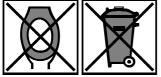
SECTION 12: Ecological information

- · 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- · 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · 12.5 Results of PBT and vPvB assessment Not applicable.
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- · 12.6 Endocrine disrupting properties
- The product does not contain substances with endocrine disrupting properties.
- · 12.7 Other adverse effects
- Additional ecological information:
- · General notes:

Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

SECTION 13: Disposal considerations

- · 13.1 Waste treatment methods
- · Recommendation



Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- Contact manufacturer for recycling information.
- · Waste disposal key:

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

- · Uncleaned packaging:
- · Recommendation:
- Disposal must be made according to official regulations.

Packaging which is uncleaned or soiled with product remains is to be treated like the product itself Packaging free of product remains is to be supplied refuse for recycling. Only if no adequate collecting

- system is available, they may be disposed of through the domestic rubbish
- · Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

• 14.1 UN number or ID number · ADR, IMDG, IATA

UN3264

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	Platinbad PT 10,	2 g Pt/l

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14.2 UN proper shipping name	
ADR IMDG, IATA	UN3264 CORROSIVE LIQUID, ACIDIC, INORGAN N.O.S. (SULPHURIC ACID, Dihydrogenbis(nitrito- [sulfato(2-)-O,O']platinat(2-)) CORROSIVE LIQUID, ACIDIC, INORGANIC, N.C (SULPHURIC ACID, Dihydrogenbis(nitrito-
	[sulfato(2-)-O,O']platinat(2-))
14.3 Transport hazard class(es)	
ADR, IMDG, IATA	
8	
Class	8 Corrosive substances.
Label	8
14.4 Packing group ADR, IMDG, IATA	II
14.5 Environmental hazards: Marine pollutant:	No
14.6 Special precautions for user	Warning: Corrosive substances.
Hazard identification number (Kemler code):	80
EMS Number:	F-A,S-B (SGG1) Acids
Segregation groups Stowage Category	B
Stowage Code	SW2 Clear of living quarters.
14.7 Maritime transport in bulk according to IM	
instruments	Not applicable.
Transport/Additional information:	
ADR Limited augustities (LO)	11
Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
Transport category	2
IMDG	
Limited quantities (LQ)	1L Code: E2
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 50 ml Maximum net quantity per outer packaging: 500 ml
ΙΑΤΑ	
Remarks:	
	24h emergency contact -
	(Dangerous goods emergency number)
	+49 172 739 6970
	UN 3264 CORROSIVE LIQUID, ACIDIC, INORGAN
UN "Model Regulation":	
UN "Model Regulation":	N . O . S . (S U L P H U R I C A C I L DIHYDROGENBIS(NITRITO-N)[SULFATO(2-)-O,O]



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PLATINAT(2-)), 8, II

SECTION 15: Regulatory information

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

COUNCIL DIRECTIVE 98/24/EC of 7 April 1998 on the protection of the health and safety of workers from the risks related to chemical agents at work (fourteenth individual Directive within the meaning of Article 16(1) of Directive 89/391/EEC)

DIRECTIVE 2012/18/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 on the control of major-accident hazards involving dangerous substances, amending and subsequently repealing Council Directive 96/82/EC

GADSL - Global Automotive Declarable Substance List

None of the ingredients is listed.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I None of the ingredients is listed.

· National regulations:

· Waterhazard class: .

- · Other regulations, limitations and prohibitive regulations -
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Reasons for revise

If necessary, this saftey data sheet can revised according to legal guidelines.

Our current version for your reference is available on our website www.heimerle-meule.com

· Relevant phrases

H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage.

• Department issuing SDS:

Abteilung BASU - Bau/Arbeitssicherheit/Umwelt Department BASU - Construction / Occupational Safety / Environment

sds@heimerle-meule.com

· Contact:

Herr Thomas Knuth thomas.knuth@heimerle-meule.com sds@heimerle-meule.com

• Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) ICAO: International Civil Aviation Organisation

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GB



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Trade name: Platinum plating bath PT 10, 2 g Pt/l Platinbad PT 10, 2 g Pt/l

(Contd. of page 10) AwSV: Ordinance on facilities for handling water-polluting substances (German regulation). TRGS: Technical rules for hazardous substances (German regulation) ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Met. Corr.1: Corrosive to metals - Category 1 Skin Corr. 1A: Skin corrosion/irritation - Category 1A Eye Dam. 1: Serious eye damage/eye irritation - Category 1 • * Data compared to the previous version altered.