

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2020/878



Pt Lot L1

Version 9.0

DE

SDS Number: 300000002470

Revision Date: 18.07.2025

Date of last issue: 25.06.2024

Date of first issue: 17.07.2015

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

1.1 Product identifier

Product identifier : Pt Lot L1

Product code : 300000002470

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

Use of the Sub-
stance/Mixture : wires, sheets metal, tubes
Metallurgy.

1.3 Details of the supplier of the safety data sheet

Company : Agosi AG
Kanzlerstrasse 17
75175 Pforzheim
Germany

Telephone : +49 7231 960-0
E-mail address of person
responsible for the SDS : EHS-Info@agosi.de

1.4 Emergency telephone number

Poison Center

Telephone : +49 30 192 40

Hours of operation : 24HRS

Supplier

Emergency telephone number : For transport in Europe, Central- and South America, Israel
and Africa (Non-Arabic speaking countries): (+32) 3 213 15 70
For transport in the Middle East (Israel excluded) & Arabic
speaking Africa: (+32) 3 213 33 79
For transport in the USA and Canada: (+1)-877 986 4267
For transport in Asian and the Pacific (China excluded): (+65)
62 64 78 36
For transport in China: (+86) 400 120 60 11

Hours of operation : This telephone number is available 24 hours per day, 7 days
per week.

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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Specific target organ toxicity - repeated exposure, Category 2, Nervous system

H373: May cause damage to organs through prolonged or repeated exposure.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms

:



Signal word

:

Warning

Hazard statements

:

H373

May cause damage to organs (Nervous system) through prolonged or repeated exposure.

Precautionary statements

:

Prevention:

P260

Do not breathe dust.

Response:

P314

Get medical advice/ attention if you feel unwell.

Disposal:

P501

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

Hazardous components which must be listed on the label:

silver

Additional Labelling

The following percentage of the mixture consists of ingredient(s) with unknown acute oral toxicity: 65 %

The following percentage of the mixture consists of ingredient(s) with unknown acute dermal toxicity: 100 %

The following percentage of the mixture consists of ingredient(s) with unknown acute inhalation toxicity: 95 %

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 65 %

2.3 Other hazards

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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
silver	7440-22-4 231-131-3 047-004-00-9 01-2119555669-21	STOT RE 2; H373 (Nervous system)	<= 25
Substances with a workplace exposure limit :			
platinum	7440-06-4 231-116-1 01-2120733612-61		<= 25

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

- General advice : Do not leave the victim unattended.
- If inhaled : Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.
- In case of skin contact : Cover wound with sterile dressing.
- In case of eye contact : Remove contact lenses.
Protect unharmed eye.
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

- Risks : May cause damage to organs through prolonged or repeated exposure.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : No information available.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media : Not combustible.

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products : Hazardous combustion products

Metal oxides
Silver compounds

5.3 Advice for firefighters

Special protective equipment for firefighters : No special protective equipment required.

Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Standard procedure for chemical fires.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Avoid contact with skin.
Refer to protective measures listed in sections 7 and 8.

6.2 Environmental precautions

Environmental precautions : No special environmental precautions required.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Pick up and transfer to properly labelled containers.
Sweep up and shovel.

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the ap-

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Advice on protection against fire and explosion : plication area.
Normal measures for preventive fire protection.

Hygiene measures : General industrial hygiene practice. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Storage class (TRGS 510) : 13, Non Combustible Solids

Further information on storage stability : Keep in a dry place.
No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Please refer to section 1

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
silver	7440-22-4	TWA	0,01 mg/m3 (Silver)	2006/15/EC
	Further information: Indicative			
		TWA	0,1 mg/m3	2000/39/EC
	Further information: Indicative			
		AGW (Inhalable fraction)	0,1 mg/m3	DE TRGS 900
	Peak-limit: excursion factor (category): 8;(II)			
		MAK (inhalable fraction)	0,1 mg/m3	DE DFG MAK
	Peak-limit: excursion factor (category): 8; II			
	Further information: Either there are no data for an assessment of damage to the embryo or foetus, including developmental neurotoxicity, or the currently available data are not sufficient for classification in one of the groups A - C			
		TWA (Dust and fume)	0,1 mg/m3	ACGIH
platinum	7440-06-4	TWA	1 mg/m3	91/322/EEC
	Further information: Indicative			
		TWA	1 mg/m3	ACGIH

Biological occupational exposure limits

Substance name	CAS-No.	Control parameters	Sampling time	Basis
platinum	7440-06-4	Platinum: (Urine)	End of shift	ACGIH BEI
		Platinum: 0,01 µg/l (Urine)	At the end of the work week	ACGIH BEI

Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
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silver	Workers	Inhalation	Long-term systemic effects	0,1 mg/m3
	Consumers	Inhalation	Long-term systemic effects	0,04 mg/m3
	Consumers	Oral	Long-term systemic effects	1,2 mg/kg

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

Substance name	Environmental Compartment	Value
silver	Fresh water	0,00004 mg/l
	Remarks:Assessment Factors	
	Marine water	0,00086 mg/l
	Remarks:Assessment Factors	
	Fresh water sediment	438 mg/kg dry weight (d.w.)
	Remarks:Assessment Factors	
	Marine sediment	438 mg/kg dry weight (d.w.)
	Remarks:Assessment Factors	
	Soil	1,41 mg/kg dry weight (d.w.)
	Sewage treatment plant	0,025 mg/l
	Remarks:Assessment Factors	
palladium	Fresh water	0,027 µg/l
	Remarks:Assessment Factors	
	Marine water	0,003 µg/l
	Remarks:Assessment Factors	
	Sewage treatment plant	1,46 mg/l
	Remarks:Assessment Factors	
	Fresh water sediment	0,274 mg/kg dry weight (d.w.)
	Remarks:Assessment Factors	
	Marine sediment	0,027 mg/kg dry weight (d.w.)
	Remarks:Assessment Factors	
	Soil	0,012 mg/kg dry weight (d.w.)
	Remarks:Equilibrium partitioning	

8.2 Exposure controls

Personal protective equipment

Eye/face protection : Wear safety glasses with side shields or goggles.

Hand protection : Leather gloves

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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Physical state	: massive form
Colour	: grey
Odour	: odourless
Melting point/ range	: 1.400 °C
Flammability	: The product is not flammable.
Flash point	: Not applicable
pH	: substance/mixture is non-soluble (in water)
Relative density	: 16
Density	: 16 g/cm3

9.2 Other information

No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

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.

10.4 Conditions to avoid

10.5 Incompatible materials

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

Not classified due to lack of data.

Product:

Acute oral toxicity : Remarks: No data available

Acute inhalation toxicity : Remarks: No data available

Acute dermal toxicity : Remarks: No data available

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Components:

silver:

Acute oral toxicity	: LD50 (Rat): > 5.000 mg/kg Method: OECD Test Guideline 401
Acute inhalation toxicity	: LC50 (Rat): > 10 mg/l Exposure time: 4 h Test atmosphere: dust/mist Method: OECD Test Guideline 436
Acute dermal toxicity	: LD50 (Rat): > 5.000 mg/kg Method: OECD Test Guideline 402

platinum:

Acute oral toxicity	: LD50 Oral (Rat, male): > 5.000 mg/kg Method: No information available.
Acute inhalation toxicity	: Remarks: data waiving in REACH dossier Not classified due to data which are conclusive although insufficient for classification.
Acute dermal toxicity	: Assessment: No data available Remarks: data waiving in REACH dossier

Skin corrosion/irritation

Not classified due to lack of data.

Product:

Remarks	: No data available
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Components:

silver:

Species	: Rabbit
Exposure time	: 72 h
Method	: OECD Test Guideline 404
Result	: No skin irritation

platinum:

Species	: Rabbit
Exposure time	: 24 h
Method	: No information available.
Result	: No skin irritation
GLP	: no

Serious eye damage/eye irritation

Not classified due to lack of data.

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Product:

Remarks : No data available

Components:

silver:

Species : Guinea pig
Exposure time : 72 h
Method : OECD Test Guideline 405
Result : No eye irritation

platinum:

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

Respiratory or skin sensitisation

Skin sensitisation

Not classified due to lack of data.

Respiratory sensitisation

Not classified due to lack of data.

Product:

Remarks : No data available

Components:

silver:

Exposure routes : Skin contact
Species : Guinea pig
Method : OPPTS 870.2600
Result : Does not cause skin sensitisation.
Remarks : Based on read across from structural related substance

Exposure routes : Skin contact
Species : Guinea pig
Method : OECD Test Guideline 406
Result : Does not cause skin sensitisation.
Remarks : Based on read across from structural related substance

platinum:

Remarks : data waiving in REACH dossier

Germ cell mutagenicity

Not classified due to lack of data.

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Product:

Genotoxicity in vitro : Remarks: No data available

Components:

silver:

Genotoxicity in vitro : Test Type: Ames test
Test system: Bacteria
Method: OECD Test Guideline 471
Result: negative

Test system: mammalian cells
Method: OECD Test Guideline 476
Result: positive
Remarks: Based on read across from structural related substance

Test Type: Micronucleus test
Test system: mammalian cells
Method: OECD Test Guideline 487
Result: negative
Remarks: Based on read across from structural related substance

Genotoxicity in vivo : Test Type: Micronucleus test
Species: Mammalian-Animal
Method: OECD Test Guideline 474
Result: negative

Germ cell mutagenicity- Assessment : Overall, there is no consistent evidence of induction of genetic toxicity with relevance to humans.

platinum:

Genotoxicity in vitro : Remarks: No data available

Genotoxicity in vivo : Remarks: No data available

Carcinogenicity

Not classified due to lack of data.

Product:

Remarks : No data available

Components:

platinum:

Remarks : No data available

Reproductive toxicity

Not classified due to lack of data.

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Product:

Effects on fertility : Remarks: No data available

Components:

silver:

Effects on fertility : Species: Rat, male and female
Application Route: Oral
Dose: 62,5; 125, 250 milligram per kilogram
Duration of Single Treatment: 28 days
General Toxicity - Parent: NOAEL: > 250 mg/kg body weight
General Toxicity F1: NOAEL: > 250 mg/kg body weight
Method: OECD Test Guideline 422
Result: No effects on fertility and early embryonic development were detected.
GLP: yes

Effects on foetal development : Species: Rat
Strain: Sprague-Dawley
Application Route: Oral
Dose: 6,5; 19,4; 64,6 milligram per kilogram
General Toxicity Maternal: LOAEL: 19,4 mg/kg body weight
Developmental Toxicity: NOAEL: > 64,6 mg/kg body weight
Method: OECD Test Guideline 414
Result: No teratogenic effects, Maternal toxicity
GLP: yes
Remarks: unit expressed as mg metal/kg
Based on read across from structural related substance

Species: Rat
Strain: Sprague-Dawley
Application Route: Oral
Dose: 6,5; 19,4; 64,6 milligram per kilogram
General Toxicity Maternal: NOAEL: 6,5 mg/kg body weight
Method: OECD Test Guideline 414
Result: No teratogenic effects
GLP: yes
Remarks: unit expressed as mg metal/kg
Based on read across from structural related substance

platinum:

Effects on fertility : Remarks: data waiving in REACH dossier

Effects on foetal development : Remarks: No data available

STOT - single exposure

Not classified due to lack of data.

Product:

Remarks : No data available

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STOT - repeated exposure

May cause damage to organs (Nervous system) through prolonged or repeated exposure.

Product:

Remarks : No data available

Repeated dose toxicity

Components:

silver:

Species : Rat
NOAEL : 30 mg/kg
LOAEL : 300 mg/kg
Application Route : Oral
Exposure time : 28 d
Dose : 30; 300; 1000
Method : OECD Test Guideline 407

Species : Rat
NOAEL : 30 mg/kg
LOAEL : 125 mg/kg
Application Route : Oral
Exposure time : 90 d
Number of exposures : 1/d
Dose : 30; 125; 500
Method : OECD Test Guideline 408

Species : Rat, male and female
NOAEL : 133 µg/m³
LOAEL : 515 µg/m³
Application Route : inhalation (dust/mist/fume)
Exposure time : 6 h/d 90 d
Number of exposures : 5/7 d
Method : OECD Test Guideline 413

Species : Rat
NOAEL : 9 mg/kg
Application Route : Oral
Exposure time : 28 d
Dose : 2,25; 4,5; 9

platinum:

Remarks : data waiving in REACH dossier

Aspiration toxicity

Not classified due to lack of data.

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11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information

Product:

Remarks : No data available

SECTION 12: Ecological information

12.1 Toxicity

Components:

silver:

Toxicity to fish	: Remarks: No toxicity at the limit of solubility
Toxicity to daphnia and other aquatic invertebrates	: Remarks: No toxicity at the limit of solubility
Toxicity to fish (Chronic toxicity)	: Remarks: No toxicity at the limit of solubility
Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity)	: Remarks: No toxicity at the limit of solubility
Toxicity to soil dwelling organisms	: EC10: 5,3 mg/kg Exposure time: 28 d Species: Eisenia fetida (earthworms) NOEC: 22,5 mg/kg Exposure time: 28 d Species: Eisenia fetida (earthworms)
Plant toxicity	: 0,13 mg/kg Test period: 17 d Species: Lactuca sativa (lettuce)
Sediment toxicity	: NOEC: 12 mg/kg Duration: 10 d Species: Hyalella azteca Remarks: Fresh water

platinum:

Toxicity to fish : Remarks: data waiving in REACH dossier

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Toxicity to daphnia and other aquatic invertebrates : Remarks: data waiving in REACH dossier

Toxicity to algae/aquatic plants : Remarks: data waiving in REACH dossier

Toxicity to microorganisms : Remarks: data waiving in REACH dossier

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) : Remarks: data waiving in REACH dossier

12.2 Persistence and degradability

Components:

platinum:

Biodegradability : Remarks: data waiving in REACH dossier

12.3 Bioaccumulative potential

Components:

silver:

Bioaccumulation : Bioconcentration factor (BCF): 70

platinum:

Bioaccumulation : Remarks: No data available

Partition coefficient: n-octanol/water : Remarks: data waiving in REACH dossier

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : 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.

12.6 Endocrine disrupting properties

Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

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12.7 Other adverse effects

Product:

Additional ecological information : No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product : Dispose of in accordance with the European Directives on waste and hazardous waste.
According to the European Waste Catalogue, Waste Codes are not product specific, but application specific.
Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Contaminated packaging : Dispose of as unused product.

SECTION 14: Transport information

14.1 UN number or ID number

ADN : Not regulated as a dangerous good
ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA : Not regulated as a dangerous good

14.2 UN proper shipping name

ADN : Not regulated as a dangerous good
ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA : Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADN : Not regulated as a dangerous good
ADR : Not regulated as a dangerous good
RID : Not regulated as a dangerous good
IMDG : Not regulated as a dangerous good
IATA : Not regulated as a dangerous good

14.4 Packing group

ADN : Not regulated as a dangerous good

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ADR : Not regulated as a dangerous good

RID : Not regulated as a dangerous good

IMDG : Not regulated as a dangerous good

IATA (Cargo) : Not regulated as a dangerous good

IATA (Passenger) : Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

SECTION 15: Regulatory information

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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII) : Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : Not applicable

Regulation (EU) No 2024/590 on substances that deplete the ozone layer : Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast) : Not applicable

Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals : Not applicable

REACH - List of substances subject to authorisation (Annex XIV) : Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances. : Not applicable

Water hazard class (Germany) : nwg not water endangering
Classification according to AwSV, Annex 1 (2.2)

TA Luft List (Germany) : 5.2.1: Total dust:
Not applicable
5.2.2: Inorganic substances in powdered form:
Not applicable
5.2.4: Inorganic substances in gaseous form:

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Not applicable

5.2.5: Organic Substances:

Not applicable

5.2.7.1.1: Carcinogenic substance:

Not applicable

5.2.7.1.1: Quartz fine dust PM4:

Not applicable

5.2.7.1.1: Formaldehyde:

Not applicable

5.2.7.1.1: fibres:

Not applicable

5.2.7.1.2: Germ cell mutagens:

Not applicable

5.2.7.1.3: Substances toxic to reproduction:

Not applicable

5.2.7.2: Poorly degradable, easily enrichable and highly toxic organic substances:

Not applicable

Volatile organic compounds : Directive 2010/75/EU of 24 November 2010 on industrial and livestock rearing emissions (integrated pollution prevention and control)
Not applicable

Other regulations:

Take note of Directive 94/33/EC on the protection of young people at work or stricter national regulations, where applicable.

The components of this product are reported in the following inventories:

TCSI	: On the inventory, or in compliance with the inventory
TSCA	: All substances listed as active on the TSCA inventory
AIIC	: On the inventory, or in compliance with the inventory
DSL	: All components of this product are on the Canadian DSL
ENCS	: On the inventory, or in compliance with the inventory
ISHL	: On the inventory, or in compliance with the inventory
KECI	: On the inventory, or in compliance with the inventory
PICCS	: On the inventory, or in compliance with the inventory
IECSC	: On the inventory, or in compliance with the inventory
NZIoC	: On the inventory, or in compliance with the inventory
CH INV	: On the inventory, or in compliance with the inventory

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TECI : Not in compliance with the inventory

15.2 Chemical safety assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other information

Full text of H-Statements

H373 : May cause damage to organs through prolonged or repeated exposure.

Full text of other abbreviations

STOT RE : Specific target organ toxicity - repeated exposure
2000/39/EC : Europe. Commission Directive 2000/39/EC establishing a first list of indicative occupational exposure limit values
2006/15/EC : Europe. Indicative occupational exposure limit values
91/322/EEC : Europe. Commission Directive 91/322/EEC on establishing indicative limit values
ACGIH : USA. ACGIH Threshold Limit Values (TLV)
ACGIH BEI : ACGIH - Biological Exposure Indices (BEI)
DE DFG MAK : Germany. MAK BAT Annex IIa
DE TRGS 900 : Germany. TRGS 900 - Occupational exposure limit values.
2000/39/EC / TWA : Limit Value - eight hours
2006/15/EC / TWA : Limit Value - eight hours
91/322/EEC / TWA : Limit Value - eight hours
ACGIH / TWA : 8-hour, time-weighted average
DE DFG MAK / MAK : MAK value
DE TRGS 900 / AGW : Time Weighted Average

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 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 sub-

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stance; 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

Training advice : Provide adequate information, instruction and training for operators.

Sources of key data used to compile the Safety Data Sheet : Information taken from reference works and the literature.
Information derived from practical experience.

Classification of the mixture:

|| STOT RE 2

H373

Classification procedure:

Calculation method

Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.

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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