

INFORMATIONS CONCERNANT LE FOURNISSEUR DE LA FDS :

Préparation :

Code produit :998 141TDésignation :Black rhodium plating bath DK20 (2,0 g/l und 2,5g/l)Utilisation :Galvanic bath

Identification de la Société :

Raison Sociale:	Cookson-CLAL
Adresse siège social :	5 Chemin du Plateau 69570 Dardilly
Telephone:	0800 878 202
E-mail:	<u>qualite@cookson-clal.com</u>

Numéro d'appel d'urgence :

N° ORFILA (INRS) : + 33 (0)1 45 42 59 59 - <u>http://www.centres-antipoison.net</u> Ce numéro permet d'obtenir les coordonnées de tous les centres Antipoison Français. Ces centres antipoison et de toxicovigilance fournissent une aide médicale gratuite (hors coût d'appel), 24 heures sur 24 et 7 jours sur 7. Safety data sheet

according to 1907/2006/EC, Article 31



Revision: 24.05.2022

Version number 10 Printing date: 24.05.2022 SECTION 1: Identification of the substance/mixture and of the company/undertaking · 1.1 Product identifier • Trade name: Black rhodium plating bath DK20 (2,0 g/l und 2,5g/l) Schwarzrhodiumbad DK20 (2,0 g/l und 2,5g/l) · Article number: 86914025 = 2.0 g Rh/l86914020 = 2,5 g Rh/l81020428 · 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) GREAT BRITAIN: 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 ITALY: *Istituto* Superiore di Sanità +3906499906140 KROATIA - REPUBLIKA HRVATSKA: (+385) 01 2348 342 ESTLAND - ESTONIA: Tervisemeti Mürgistusteabekeskuse 16662, (+342) 7914 794 LETTLAND - LATVIA: Latvijas Vides, ģeoloģijas un meteoroloģijas centrs (+371) 670 32600 LITAUEN - LIETUVOS RESPUBLIKA: Apsinuodijimų informacijos biuras +370 (85) 2362052

(Contd. on page 2)

GB



Revision: 24.05.2022

Printing date: 24.05.2022

Version number 10

Trade name: Black rhodium plating bath DK20 (2,0 g/l und 2,5g/l) Schwarzrhodiumbad DK20 (2,0 g/l und 2,5g/l)



Version number 10



Revision: 24.05.2022

Trade name: Black rhodium plating bath DK20 (2,0 g/l und 2,5g/l) Schwarzrhodiumbad DK20 (2,0 g/l und 2,5g/l)

(Contd. of page 2)

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

Printing date: 24.05.2022

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

· Dangerous components / Inf	formation on ingredients:	
CAS: 7664-93-9	sulphuric acid; sulfuric acid	5-7%
EINECS: 231-639-5	Met. 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	Skin Irrit. 2; H315: 5 % ≤ C < 15 %	
	<i>Eye Irrit. 2; H319: 5 % ≤ C < 15 %</i>	
CAS: 10489-46-0	Dirhodiumtrisulphate	<i>≤</i> 1%
EINECS: 234-014-5	W uta. 2, H341	
	in Met. Corr.1, H290; Skin Corr. 1A, H314; Eye Dam. 1, H318	
· Additional information · For	the wording of the listed hazard phrases refer to section 16	

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:

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.

Rinse out mouth and then drink plenty of water.

• 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

Under certain fire conditions, traces of other toxic gases cannot be excluded, e.g.: Sulphur dioxide (SO2)

· 5.3 Advice for firefighters

· Protective equipment: wear protective clothing

(Contd. on page 4)

Version number 10



Revision: 24.05.2022

Trade name: Black rhodium plating bath DK20 (2,0 g/l und 2,5g/l) Schwarzrhodiumbad DK20 (2,0 g/l und 2,5g/l)

(Contd. of page 3)

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

Printing date: 24.05.2022

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.
Open and handle receptacle with care.
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:

Store away from foodstuffs.

- Further information about storage conditions:
- Keep container tightly sealed.

Store under lock and key and out of the reach of children.

• 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

• Additional information about design of technical facilities: No further data; see item 7.

· Ingredients with limit values that require monitoring at the workplace:

CAS: 7664-93-9 sulphuric acid

WEL (Great Britain)Long-term value: 0.05^* mg/m^3 *mist: defined as thoracic fraction

(Contd. on page 5)

⁻ GB



Revision: 24.05.2022

Printing date: 24.05.2022

Version number 10

Trade name: Black rhodium plating bath DK20 (2,0 g/l und 2,5g/l) Schwarzrhodiumbad DK20 (2,0 g/l und 2,5g/l)

IOELV (European Unio	on) Long-term value: 0.05 mg/m ³ (Contd. of pag
AGW (Germany)	Long-term value: $0.1 E mg/m^3$ 1(1);DFG, EU, Y
• Regulatory information WEL (Great Britain): E IOELV (European Unit AGW (Germany): TRG, • Additional information	n EH40/2020 on): (EU) 2019/1831
U U	1: The fists valia during the making were used as basis.
· 8.2 Exposure controls · Personal protective equ	uipment:
• General protective and	
	y measures are to be adhered to when handling chemicals.
	uffs, beverages and feed.
	l soiled and contaminated clothing aks and at the end of work.
Do not inhale gases / fi	
Avoid contact with the	
According to EC Direct	
· Respiratory protection.	
Not necessary if room i	
	re or low pollution use respiratory filter device. In case of intensive or longer expos iratory protective device.
	provide protective device.
	is if a small amount of the substance has spilled out or in order to fight spillages
fire.	
according EN 14387	
according to EN 143	evice for short term use: Combination filter B-P2
	wire for short term use: Complution titler b-r 2
	crice for short term use. Comonium on finder D 1 2
Protection of hands:	
Protection of hands:	ive gloves
Protection of hands:	
Protection of hands:	
Protection of hands: Protection according to EN 374	ive gloves
Protection of hands: Protection according to EN 374 To avoid skin problems	ive gloves reduce the wearing of gloves to the required minimum.
Protection of hands: Protection Protection according to EN 374 To avoid skin problems Only use chemical-prot	ive gloves reduce the wearing of gloves to the required minimum. tective gloves with CE-labelling of category III.
Protection of hands: Protection Protection according to EN 374 To avoid skin problems Only use chemical-prot Sensibilisation by the c	ive gloves reduce the wearing of gloves to the required minimum. tective gloves with CE-labelling of category III. omponents in the glove materials is possible.
Protection of hands: Protection Protection according to EN 374 To avoid skin problems Only use chemical-prot Sensibilisation by the co Check the permeability	ive gloves reduce the wearing of gloves to the required minimum. tective gloves with CE-labelling of category III. omponents in the glove materials is possible. prior to each anewed use of the glove.
Protection of hands: Protection Protection according to EN 374 To avoid skin problems Only use chemical-prot Sensibilisation by the c Check the permeability The glove material has	ive gloves reduce the wearing of gloves to the required minimum. tective gloves with CE-labelling of category III. omponents in the glove materials is possible. prior to each anewed use of the glove. to be impermeable and resistant to the product/ the substance/ the preparation.
Protection of hands: Protection of hands: Protection according to EN 374 To avoid skin problems Only use chemical-prot Sensibilisation by the c Check the permeability The glove material has Selection of the glove degradation	ive gloves reduce the wearing of gloves to the required minimum. tective gloves with CE-labelling of category III. omponents in the glove materials is possible. prior to each anewed use of the glove. to be impermeable and resistant to the product/ the substance/ the preparation. e material on consideration of the penetration times, rates of diffusion and
Protection of hands: Protection of hands: Protection according to EN 374 To avoid skin problems Only use chemical-protection Sensibilisation by the construction of the glove Check the permeability The glove material has Selection of the glove degradation Prior to working with g	ive gloves reduce the wearing of gloves to the required minimum. tective gloves with CE-labelling of category III. omponents in the glove materials is possible. prior to each anewed use of the glove. to be impermeable and resistant to the product/ the substance/ the preparation. e material on consideration of the penetration times, rates of diffusion and gloves the rubbing in with tanniferous skin-protecting agents for the avoidance of s
Protection of hands: Protection of hands: Protection according to EN 374 To avoid skin problems Only use chemical-protection Sensibilisation by the construction of the gloved the glove material has Selection of the gloved degradation Prior to working with g softening due to perspin	ive gloves reduce the wearing of gloves to the required minimum. tective gloves with CE-labelling of category III. omponents in the glove materials is possible. prior to each anewed use of the glove. to be impermeable and resistant to the product/ the substance/ the preparation. e material on consideration of the penetration times, rates of diffusion and gloves the rubbing in with tanniferous skin-protecting agents for the avoidance of s
Protection of hands: Protection of hands: Protection according to EN 374 To avoid skin problems Only use chemical-protection Sensibilisation by the construction of the glove Check the permeability The glove material has Selection of the gloved degradation Prior to working with g softening due to perspine Material of gloves	ive gloves reduce the wearing of gloves to the required minimum. tective gloves with CE-labelling of category III. omponents in the glove materials is possible. prior to each anewed use of the glove. to be impermeable and resistant to the product/ the substance/ the preparation. e material on consideration of the penetration times, rates of diffusion and gloves the rubbing in with tanniferous skin-protecting agents for the avoidance of s ration is recommended.
Protection of hands: Protection of hands: Protection according to EN 374 To avoid skin problems Only use chemical-prote Sensibilisation by the c Check the permeability The glove material has Selection of the glove degradation Prior to working with g softening due to perspin Material of gloves Chloroprene rubber, C	ive gloves reduce the wearing of gloves to the required minimum. tective gloves with CE-labelling of category III. omponents in the glove materials is possible. prior to each anewed use of the glove. to be impermeable and resistant to the product/ the substance/ the preparation. e material on consideration of the penetration times, rates of diffusion and gloves the rubbing in with tanniferous skin-protecting agents for the avoidance of s ration is recommended.
Protection of hands: Protection of hands: Protection according to EN 374 To avoid skin problems Only use chemical-prote Sensibilisation by the c Check the permeability The glove material has Selection of the glove degradation Prior to working with g softening due to perspin Material of gloves Chloroprene rubber, C	ive gloves reduce the wearing of gloves to the required minimum. tective gloves with CE-labelling of category III. omponents in the glove materials is possible. prior to each anewed use of the glove. to be impermeable and resistant to the product/ the substance/ the preparation. e material on consideration of the penetration times, rates of diffusion and gloves the rubbing in with tanniferous skin-protecting agents for the avoidance of s ration is recommended.
Protection of hands: Protection of hands: Protection according to EN 374 To avoid skin problems Only use chemical-prote Sensibilisation by the c Check the permeability The glove material has Selection of the glove degradation Prior to working with g softening due to perspine Material of gloves Chloroprene rubber, C Recommended thickness Nitrile rubber, NBR	ive gloves reduce the wearing of gloves to the required minimum. tective gloves with CE-labelling of category III. omponents in the glove materials is possible. prior to each anewed use of the glove. to be impermeable and resistant to the product/ the substance/ the preparation. e material on consideration of the penetration times, rates of diffusion and gloves the rubbing in with tanniferous skin-protecting agents for the avoidance of s ration is recommended.



Revision: 24.05.2022

Printing date: 24.05.2022

Version number 10

Trade name: Black rhodium plating bath DK20 (2,0 g/l und 2,5g/l) Schwarzrhodiumbad DK20 (2,0 g/l und 2,5g/l)

(Contd. of page 5)

· Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 3).

Value for the permeation: Level \leq 3

• *Not suitable are gloves made of the following materials: Leather gloves*

Strong material gloves

· Eye protection:



Tightly sealed goggles

according to EN 166 • **Body protection:** Protective work clothing

9.1 Information on basic physical and	d chemical properties	
General Information		
Appearance:		
Form:	Fluid	
Colour:	Dark orange colour	
Odour:	Product specific	
Odour threshold:	Not determined.	
pH-value at 20°C (68°F):	1	
Change in condition		
Melting point/freezing point:	Undetermined.	
Initial boiling point and boiling ran	nge: >100°C (>212°F)	
Flash point:	Not applicable.	
Flammability (solid, gas):	Not applicable.	
Decomposition temperature:	Not determined.	
Auto-ignition temperature:	Product is not selfigniting.	
Explosive properties:	Product does not present an explosion hazard.	
Explosion limits:		
Lower:	Not determined.	
Upper:	Not determined.	
Vapour pressure at 20°C (68°F):	23 hPa (17.3 mm Hg)	
Density:	Not determined.	
Relative density	Not determined.	
Vapour density	Not determined.	
Evaporation rate	Not determined.	



Revision: 24.05.2022

Printing date: 24.05.2022

Version number 10

Trade name: Black rhodium plating bath DK20 (2,0 g/l und 2,5g/l) Schwarzrhodiumbad DK20 (2,0 g/l und 2,5g/l)

		(Contd. of page 6)
· Solubility in / Miscibility with		
water:	Fully miscible.	
· Partition coefficient: n-octanol/water:	Not determined.	
· Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
· 9.2 Other information	No further relevant information available.	

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 light alloys to form hydrogen.
- Reacts with acids, alkalis and oxidising agents.
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

- · 11.1 Information on toxicological effects
- Acute toxicity Based on available data, the classification criteria are not met.
- Primary irritant effect:
- · Skin corrosion/irritation
- Causes severe skin burns and eye damage.
- · Serious eye damage/irritation
- Causes serious eye damage.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- Additional toxicological information:
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity
- Suspected of causing genetic defects.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- *Reproductive toxicity Based on available data, the classification criteria are not met.*
- STOT-single exposure Based on available data, the classification criteria are not met.
- STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.

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.
- Additional ecological information:
- · General notes: Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
- · 12.5 Results of PBT and vPvB assessment Not applicable.

(Contd. on page 8)



Revision: 24.05.2022

Printing date: 24.05.2022

Version number 10

Trade name: Black rhodium plating bath DK20 (2,0 g/l und 2,5g/l) Schwarzrhodiumbad DK20 (2,0 g/l und 2,5g/l)

(Contd. of page 7)

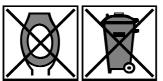
- *PBT*: Not applicable.
- · vPvB: Not applicable.

· 12.6 Other adverse effects No further relevant information available.

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:

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 Disposal must be made according to official regulations

Disposal must be made according to official regulations.

• Recommended cleansing agents: Water, if necessary together with cleansing agents.

· 14.1 UN-Number · ADR, IMDG, IATA	UN3264
· 14.2 UN proper shipping name · ADR	UN3264 CORROSIVE LIQUID, ACIDIC, INORGANIC N.O.S. (SULPHURIC ACID, Dirhodiumtrisulphate)
· IMDG, IATA	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S (SULPHURIC ACID, Dirhodiumtrisulphate)
· 14.3 Transport hazard class(es)	
B B	
8	8 Corrosive substances.
· Class	8 Corrosive substances. 8
· Class · Label · 14.4 Packing group	
• Class • Label	



Revision: 24.05.2022

Printing date: 24.05.2022

Version number 10

Trade name: Black rhodium plating bath DK20 (2,0 g/l und 2,5g/l) Schwarzrhodiumbad DK20 (2,0 g/l und 2,5g/l)

	(Contd. of page
14.6 Special precautions for user	Warning: Corrosive substances.
Hazard identification number (Kemler code):	80
EMS Number:	F-A,S-B
Segregation groups	Acids
Stowage Category	В
Stowage Code	SW2 Clear of living quarters.
14.7 Transport in bulk according to Annex II of	f
Marpol and the IBC Code	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	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
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
IATA	
Remarks:	2/1
	24h emergency contact -
	(Dangerous goods emergency number)
	+49 172 739 6970
UN "Model Regulation":	UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIO
2	N.O.S. (SULPHURIC ACID
	DIRHODIUMTRISULPHATE), 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: .

(Contd. on page 10)

⁻ GB



Revision: 24.05.2022

Printing date: 24.05.2022

Version number 10

Trade name: Black rhodium plating bath DK20 (2,0 g/l und 2,5g/l) Schwarzrhodiumbad DK20 (2,0 g/l und 2,5g/l)

(Contd. of page 9)

· 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.
H318 Causes serious eye damage.
H341 Suspected of causing genetic defects.

· 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) IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)

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

Muta. 2: Germ cell mutagenicity – Category 2

• * Data compared to the previous version altered.