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Safety Data Sheet acc. to OSHA HCS

Printing date 09/02/2022 Reviewed on 09/02/2022

1 Identification

· Product identifier

· Trade name: Certifed Waste Water - Trace Metals Solution A

· Article number: CWW-TM-A

Details of the supplier of the safety data sheet

· Manufacturer/Supplier:

High-Purity Standards

7221 Investment Drive, North Charleston, SC 29418 United States

Telephone: +1-843-767-7900 Fax: +1-843-767-7906 highpuritystandards.com

Email: info@highpuritystandards.com

· Information department: Product safety department

· Emergency telephone number:

INFOTRAC

Emergency telephone numbers 1-800-535-5053 Other emergency telephone numbers 1-352-323-3500

2 Hazard(s) identification

· Classification of the substance or mixture



GHS05 Corrosion

Met. Corr.1 H290 May be corrosive to metals.

Skin Corr. 1A H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Acute Tox. 4 H312 Harmful in contact with skin.

- · Label elements
- · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- · Hazard pictograms





GHS05

GHS07

- · Signal word Danger
- · Hazard-determining components of labeling: nitric acid

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hydrogen fluoride

· Hazard statements

H290 May be corrosive to metals.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

· Precautionary statements

Keep only in original container.

Do not breathe dusts or mists.

Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

If swallowed: Rinse mouth. Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a poison center/doctor.

Specific treatment (see on this label).

Take off contaminated clothing and wash it before reuse.

Wash contaminated clothing before reuse.

Absorb spillage to prevent material damage.

Store locked up.

Store in corrosive resistant container with a resistant inner liner.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- · Classification system:
- · NFPA ratings (scale 0 4)



Health = 3Fire = 0

Reactivity = 0

· HMIS-ratings (scale 0 - 4)



3 Health = 3

Fire = 0

- · Other hazards
- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · **vPvB**: Not applicable.

3 Composition/information on ingredients

- · Chemical characterization: Mixtures
- · **Description:** Mixture of the substances listed below with nonhazardous additions.

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		(Contd.	of page
· Dangerous	components:		
7697-37-2	nitric acid		10.09
7664-39-3	hydrogen fluoride		0.499
Chemical id	lentification of the substance/preparation		
7732-18-5	water, distilled, conductivity or of similar purity	89	50229
513-77-9	barium carbonate	0.	0005%
6156-78-1	Manganese(II) acetate tetrahydrate	0.	0005%
7429-90-5	aluminium	0.	00059
7439-89-6	iron	0.	0005%
7439-92-1	lead	0.	00059
7439-98-7	molybdenum	0.	00059
7440-02-0	nickel	0.	00059
7440-47-3	chromium	0.	00059
7440-48-4	cobalt	0.	00059
7440-50-8	copper	0.	00059
7440-66-6	zinc	0.	00059
7803-55-6	Ammonium Vanadate	0.	00059
10042-76-9	strontium nitrate	0.	00059
10043-35-3	boric acid	0.	00059
543-81-7	beryllium acetate	0.	00019
7439-97-6	mercury	0.	00019
7440-22-4	silver	0.	00019
7440-28-0	thallium	0.	00019
7440-36-0	antimony	0.	00019
7440-38-2	arsenic	0.	00019
7440-43-9	cadmium	0.	00019
7782-49-2	selenium	0.	00019

4 First-aid measures

- · Description of first aid measures
- · General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- · 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.
- · After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- · After swallowing: Drink copious amounts of water and provide fresh air. Immediately call a doctor.

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- · Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.
- · Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

- · Extinguishing media
- · Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture

During heating or in case of fire poisonous gases are produced.

- · Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Mount respiratory protective device.

Wear protective equipment. Keep unprotected persons away.

- · Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- · Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Use neutralizing agent.

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

· 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.

· Protective Action Criteria for Chemicals

PAC-1:	
7697-37-2 nitric acid	0.16 ppm
7664-39-3 hydrogen fluoride	1.0 ppm
513-77-9 barium carbonate	2.2 mg/m^{3}
6156-78-1 Manganese(II) acetate tetrahydrate	13 mg/m³
7439-89-6 iron	3.2 mg/m
7439-92-1 lead	0.15 mg/r
7439-98-7 molybdenum	30 mg/m ³
7440-02-0 nickel	4.5 mg/m
7440-47-3 chromium	1.5 mg/m
7440-48-4 cobalt	0.18 mg/r
7440-50-8 copper	$3 mg/m^3$





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7440-66-6 zinc	(Contd. of pag 6 mg/m^3
7803-55-6 Ammonium Vanadate	0.01 mg/s
10042-76-9 strontium nitrate	5.7 mg/m
10043-35-3 boric acid	6 mg/m ³
7439-97-6 mercury	0.15 mg/s
7440-22-4 silver	0.3 mg/m
7440-28-0 thallium	0.06 mg/s
7440-36-0 antimony	1.5 mg/m
7440-38-2 arsenic	1.5 mg/m
7440-43-9 cadmium	0.10 mg/s
7782-49-2 selenium	0.6 mg/m
PAC-2:	-
7697-37-2 nitric acid	24 ppm
7664-39-3 hydrogen fluoride	24 ppm
513-77-9 barium carbonate	270 mg/n
6156-78-1 Manganese(II) acetate tetrahydrate	22 mg/m ⁻
7439-89-6 iron	35 mg/m ⁻
7439-92-1 lead	120 mg/n
7439-98-7 molybdenum	330 mg/n
7440-02-0 nickel	50 mg/m ⁻
7440-47-3 chromium	17 mg/m ⁻
7440-48-4 cobalt	$2 mg/m^3$
7440-50-8 copper	33 mg/m ⁻
7440-66-6 zinc	21 mg/m ⁻
7803-55-6 Ammonium Vanadate	0.11 mg/s
10042-76-9 strontium nitrate	62 mg/m ⁻
10043-35-3 boric acid	23 mg/m ⁻
7439-97-6 mercury	1.7 mg/m
7440-22-4 silver	170 mg/n
7440-28-0 thallium	3.3 mg/m
7440-36-0 antimony	13 mg/m ²
7440-38-2 arsenic	17 mg/m ⁻
7440-43-9 cadmium	0.76 mg/s
7782-49-2 selenium	6.6 mg/m
PAC-3:	
7697-37-2 nitric acid	92 ppm
7664-39-3 hydrogen fluoride	44 ppm



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513-77-9 barium carbonate	$1,600 \text{ mg/m}^3$
6156-78-1 Manganese(II) acetate tetrahydrate	740 mg/m^3
7439-89-6 iron	150 mg/m^3
7439-92-1 lead	700 mg/m^3
7439-98-7 molybdenum	$2,000 \text{ mg/m}^3$
7440-02-0 nickel	99 mg/m³
7440-47-3 chromium	99 mg/m³
7440-48-4 cobalt	20 mg/m³
7440-50-8 copper	200 mg/m³
7440-66-6 zinc	120 mg/m^3
7803-55-6 Ammonium Vanadate	80 mg/m³
10042-76-9 strontium nitrate	370 mg/m^3
10043-35-3 boric acid	830 mg/m³
7439-97-6 mercury	8.9 mg/m^3
7440-22-4 silver	990 mg/m³
7440-28-0 thallium	20 mg/m³
7440-36-0 antimony	80 mg/m^3
7440-38-2 arsenic	100 mg/m^3
7440-43-9 cadmium	4.7 mg/m^3
7782-49-2 selenium	40 mg/m^3

7 Handling and storage

- · Handling:
- · Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

- Information about protection against explosions and fires: Keep respiratory protective device available.
- · Conditions for safe storage, including any incompatibilities
- · Storage:
- · Requirements to be met by storerooms and receptacles: No special requirements.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions: Keep receptacle tightly sealed.
- · Specific end use(s) No further relevant information available.

8 Exposure controls/personal protection

· Additional information about design of technical systems: No further data; see item 7.

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· Control parameters

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

7697-37-2 nitric acid

PEL Long-term value: 5 mg/m³, 2 ppm REL Short-term value: 10 mg/m³, 4 ppm

Long-term value: 5 mg/m³, 2 ppm

TLV Short-term value: 4 ppm Long-term value: 2 ppm

7664-39-3 hydrogen fluoride

PEL Long-term value: 1* mg/m³, 3 ppm

as F, *sulfuric acid

REL Long-term value: 2.5 mg/m³, 3 ppm

Ceiling limit value: 5* mg/m³, 6* ppm

*15-min, as F

TLV Long-term value: 0.5 ppm Ceiling limit value: 2 ppm

as F; Skin, BEI

· Ingredients with biological limit values:

7664-39-3 hydrogen fluoride

BEI 3 mg/g creatinine

Medium: urine Time: prior to shift

Parameter: Fluorides (background, nonspecific)

10 mg/g creatinine Medium: urine Time: end of shift

Parameter: Fluorides (background, nonspecific)

- · Additional information: The lists that were valid during the creation were used as basis.
- · Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

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· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

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

· Eye protection:



Tightly sealed goggles

9 Physical and chemical properties

·Inf	ormation	on basi	c physica	l and c	chemical	properties

· General Information

Danger of explosion:

· Appearance:

Form: Liquid colorless Color: Odor: Characteristic · Odor threshold: Not determined. · pH-value: Not determined. · Change in condition Melting point/Melting range: Undetermined. Boiling point/Boiling range: Undetermined. · Flash point: Not applicable. Not applicable. · Flammability (solid, gaseous): Not determined. · Decomposition temperature: · Auto igniting: Product is not selfigniting.

Product does not present an explosion hazard.

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Explosion limits:		
Lower:	Not determined.	
Upper:	Not determined.	
Vapor pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)	
Density:	Not determined.	
Relative density	Not determined.	
Vapor density	Not determined.	
Evaporation rate	Not determined.	
Solubility in / Miscibility with		
Water:	Not miscible or difficult to mix.	
Partition coefficient (n-octanol/wate	e r): Not determined.	
Viscosity:		
Dynamic:	Not determined.	
Kinematic:	Not determined.	
Solvent content:		
Water:	89.5 %	
VOC content:	0.00 %	
	0.0~g/l / $0.00~lb/gal$	
Solids content:	0.0 %	
Other information	No further relevant information available.	

10 Stability and reactivity

- · Reactivity No further relevant information available.
- · Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:
- · LD/LC50 values that are relevant for classification:

7664-39-3 hydrogen fluoride

Oral LD50 1,276 mg/kg (rat)

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- Primary irritant effect:
- on the skin: Strong caustic effect on skin and mucous membranes.
- on the eye:

Strong caustic effect.

Strong irritant with the danger of severe eye injury.

- · Sensitization: No sensitizing effects known.
- · Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations: Harmful

Corrosive

Irritant

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

· Carcinogenic categories

· IARC (Inte	ernational Agency for Research on Cancer)	
7439-92-1	lead	2B
7440-02-0	nickel	2B
7440-47-3	chromium	3
7440-48-4	cobalt	2B
543-81-7	beryllium acetate	1
7439-97-6	mercury	3
7440-38-2	arsenic	1
7440-43-9	cadmium	1
7782-49-2	selenium	3
· NTP (Natio	onal Toxicology Program)	
7439-92-1	lead	R
7440-02-0	nickel	R
7440-48-4	cobalt	R
543-81-7	beryllium acetate	K
7440-38-2	arsenic	K
7440-43-9	cadmium	K
· OSHA-Ca	(Occupational Safety & Health Administration)	
7440-38-2	arsenic	
7440-43-9	cadmium	

12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.

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- · Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- Additional ecological information:
- · General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system. Must not reach bodies of water or drainage ditch undiluted or unneutralized.

- · Results of PBT and vPvB assessment
- · **PBT**: Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

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

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

14 1	ransport	 	,,,,,,

· UN-Number · DOT, ADR, IMDG, IATA	UN3264
· UN proper shipping name	
$\cdot DOT$	Corrosive liquid, acidic, inorganic, n.o.s. (Nitric acid, Hydrogen
	fluoride)
· ADR	3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.
	(NITRIC ACID, HYDROGEN FLUORIDE)
· IMDG, IATA	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (NITRIC
	ACID, HYDROGEN FLUORIDE)

- · Transport hazard class(es)
- $\cdot DOT$



· Class 8 Corrosive substances

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Label	8
ADR	
8	
Class	8 (C1) Corrosive substances
Label	8
IMDG, IATA	
w. Francisco	
Class	8 Corrosive substances
Label	8
Packing group	
DOT, ADR, IMDG, IATA	II
Environmental hazards:	Not applicable.
Special precautions for user	Warning: Corrosive substances
Hazard identification number (Kemler code):	
EMS Number: Segregation groups	F-A,S-B Acids
Stowage Category	B
Stowage Code	SW2 Clear of living quarters.
Transport in bulk according to Annex II of	
MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
DOT	
Quantity limitations	On passenger aircraft/rail: 1 L
	On cargo aircraft only: 30 L
ADR	
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
IMDG	1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Limited quantities (LQ)	IL
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml

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· UN "Model Regulation":

UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID, HYDROGEN FLUORIDE), 8, II

15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

Section 355	(extremely hazardous substances):	
7697-37-2	· · · · · · · · · · · · · · · · · · ·	
7664-39-3	hydrogen fluoride	
Section 313	(Specific toxic chemical listings):	
7697-37-2	nitric acid	
7664-39-3	hydrogen fluoride	
513-77-9	barium carbonate	
7429-90-5	aluminium	
7439-92-1	lead	
7440-02-0	nickel	
7440-47-3	chromium	
7440-48-4	cobalt	
7440-50-8	copper	
7440-66-6	zinc	
7803-55-6	Ammonium Vanadate	
10042-76-9	strontium nitrate	
543-81-7	beryllium acetate	
7439-97-6	mercury	
7440-22-4	silver	
7440-28-0	thallium	
7440-36-0	antimony	
7440-38-2	arsenic	
7440-43-9	cadmium	
7782-49-2	selenium	
TSCA (Toxi	c Substances Control Act):	
7732-18-5	water, distilled, conductivity or of similar purity	ACTIVE
7697-37-2	nitric acid	ACTIVE
7664-39-3	hydrogen fluoride	ACTIVE
513-77-9	barium carbonate	ACTIVE

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7/20 00 5	aluminium	(Contd. of pa
7429-90-3		ACT
7439-89-6		
		ACT
	molybdenum	ACT
7440-02-0		ACT
7440-47-3		ACT
7440-48-4		ACT
7440-50-8	* *	ACT
7440-66-6		ACT
	Ammonium Vanadate	ACT
	strontium nitrate	ACT
10043-35-3	boric acid	ACT
7439-97-6	mercury	ACT
7440-22-4	silver	ACT
7440-28-0	thallium	ACT
7440-36-0	antimony	ACT
7440-38-2	arsenic	ACT
7440-43-9	cadmium	ACT
7782-49-2	selenium	ACT
Hazardous A	Air Pollutants	
7664-39-3	nydrogen fluoride	
7439-92-1 l	ead	
7440-48-4	cobalt	
Proposition	65	
Chemicals k	nown to cause cancer:	
7439-92-1 l	ead	
7440-02-0 r	nickel	
7440-48-4	cobalt	
543-81-7 B	peryllium acetate	
7440-38-2 d	ursenic	
7440-43-9	cadmium	
Chemicals k	nown to cause reproductive toxicity for females:	
7439-92-1 l	ead	
Chemicals k	nown to cause reproductive toxicity for males:	
7439-92-1 l	ead	
7440-43-9	cadmium	





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	nown to cause developmental toxicity:	
7439-92-1		
7439-97-6	•	
7440-43-9	cadmium	
_	ic categories	
	onmental Protection Agency)	
513-77-9	barium carbonate	D, CBD(inh), NL(ord
7439-92-1	lead	B2
7440-47-3	chromium	D
7440-50-8	copper	D
7440-66-6	zinc	D, I, II
10043-35-3	boric acid	I (oral)
7439-97-6	mercury	D
7440-22-4	silver	D
7440-38-2	arsenic	A
7440-43-9	cadmium	BI
7782-49-2	selenium	D
TLV (Thres	hold Limit Value)	,
513-77-9	barium carbonate	1
7429-90-5	aluminium	
7439-92-1	lead	
7439-98-7	molybdenum	
7440-02-0	nickel	
7440-47-3	chromium	
7440-48-4	cobalt	
10043-35-3	boric acid	1
7439-97-6	mercury	
7440-38-2	arsenic	
7440-43-9	cadmium	
NIOSH-Ca	(National Institute for Occupational Safety and He	ealth)
7440-02-0		
543-81-7	beryllium acetate	
7440-38-2	ursenic	
7440-43-9	cadmium	

[•] GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

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· Hazard pictograms





- · Signal word Danger
- · Hazard-determining components of labeling:

nitric acid

hydrogen fluoride

· Hazard statements

H290 May be corrosive to metals.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

· Precautionary statements

Keep only in original container.

Do not breathe dusts or mists.

Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

If swallowed: Rinse mouth. Do NOT induce vomiting.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a poison center/doctor.

Specific treatment (see on this label).

Take off contaminated clothing and wash it before reuse.

Wash contaminated clothing before reuse.

Absorb spillage to prevent material damage.

Store locked up.

Store in corrosive resistant container with a resistant inner liner.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

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.

- · Department issuing SDS: Environment protection department.
- · Contact:

High-Purity Standards Tel: 843-767-7900 Fax: 843-767-7906

· Date of preparation / last revision 09/02/2022 / -

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Safety Data Sheet acc. to OSHA HCS

Printing date 09/02/2022 Reviewed on 09/02/2022

Trade name: Certifed Waste Water - Trace Metals Solution A

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· Abbreviations and acronyms:

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

DOT: US Department of Transportation

IATA: International Air Transport Association

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)

NFPA: National Fire Protection Association (USA) HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

BEI: Biological Exposure Limit

Met. Corr.1: Corrosive to metals – Category 1

Acute Tox. 4: Acute toxicity - Category 4

Skin Corr. 1A: Skin corrosion/irritation - Category 1A

Eye Dam. 1: Serious eye damage/eye irritation – Čategory 1