

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019

1 Identification

- **Product identifier**
- **Trade name:** Trace Metals in Drinking Water Standard B
- **Article number:** CRM-TMDW-B
- **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
Hydrofluoric acid
- **Hazard statements**
H290 May be corrosive to metals.
H312 Harmful in contact with skin.

(Contd. on page 2)

US

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019

Trade name: Trace Metals in Drinking Water Standard B

(Contd. of page 1)

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 = 3

Fire = 0

Reactivity = 0

HMIS-ratings (scale 0 - 4)



Health = 3

Fire = 0

Reactivity = 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.

Dangerous components:

7697-37-2	nitric acid	2.0%
7664-39-3	Hydrofluoric acid	0.49%

Chemical identification of the substance/preparation

7440-70-2	calcium	0.0031%
7440-23-5	sodium	0.0022%
7439-95-4	magnesium	0.0008%
7440-09-7	potassium	0.00025%

(Contd. on page 3)

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019

Trade name: Trace Metals in Drinking Water Standard B

		(Contd. of page 2)
7732-18-5	water, distilled, conductivity or of similar purity	97.504%
7440-22-4	silver	0.000002%
7429-90-5	aluminium	0.0000125%
7440-38-2	arsenic	0.000001%
10043-35-3	boric acid	0.000015%
7440-41-7	beryllium	0.0000015%
7440-43-9	cadmium (non-pyrophoric)	0.000001%
7440-48-4	cobalt	0.0000025%
7440-47-3	chromium	0.000002%
7440-50-8	copper	0.000002%
7439-89-6	iron	0.000009%
7439-93-2	lithium	0.0000015%
7439-96-5	manganese	0.000004%
7439-98-7	molybdenum	0.000011%
7440-02-0	nickel	0.000006%
7440-36-0	antimony	0.0000055%
7782-49-2	selenium	0.0000011%
7440-24-6	strontium	0.00003%
7440-28-0	thallium	0.000001%
7803-55-6	Ammonium Vanadate	0.000035%
7440-66-6	zinc	0.0000075%
513-77-9	barium carbonate	0.00005%
7439-92-1	lead	0.000002%

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.

· **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.

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019

Trade name: Trace Metals in Drinking Water Standard B

(Contd. of page 3)

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	Hydrofluoric acid	1.0 ppm
7440-23-5	sodium	13 mg/m ³
7439-95-4	magnesium	18 mg/m ³
7440-09-7	potassium	2.3 mg/m ³
7440-39-3	barium	1.5 mg/m ³
7440-24-6	strontium	30 mg/m ³
7439-98-7	molybdenum	30 mg/m ³
7440-42-8	boron	1.9 mg/m ³
7782-49-2	selenium	0.6 mg/m ³
7439-89-6	iron	3.2 mg/m ³
7439-92-1	lead	0.15 mg/m ³
7439-93-2	lithium	3.3 mg/m ³
7439-96-5	manganese	3 mg/m ³
7440-02-0	nickel	4.5 mg/m ³
7440-28-0	thallium	0.06 mg/m ³
7440-36-0	antimony	1.5 mg/m ³
7440-38-2	arsenic	1.5 mg/m ³

(Contd. on page 5)

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019

Trade name: Trace Metals in Drinking Water Standard B

		(Contd. of page 4)
7440-41-7	beryllium	0.0023 mg/m ³
7440-43-9	cadmium (non-pyrophoric)	0.10 mg/m ³
7440-47-3	chromium	1.5 mg/m ³
7440-48-4	cobalt	0.18 mg/m ³
7440-50-8	copper	3 mg/m ³
7440-62-2	vanadium	3 mg/m ³
7440-66-6	zinc	6 mg/m ³
7440-22-4	silver	0.3 mg/m ³
· PAC-2:		
7697-37-2	nitric acid	24 ppm
7664-39-3	Hydrofluoric acid	24 ppm
7440-23-5	sodium	140 mg/m ³
7439-95-4	magnesium	200 mg/m ³
7440-09-7	potassium	25 mg/m ³
7440-39-3	barium	180 mg/m ³
7440-24-6	strontium	330 mg/m ³
7439-98-7	molybdenum	330 mg/m ³
7440-42-8	boron	21 mg/m ³
7782-49-2	selenium	6.6 mg/m ³
7439-89-6	iron	35 mg/m ³
7439-92-1	lead	120 mg/m ³
7439-93-2	lithium	36 mg/m ³
7439-96-5	manganese	5 mg/m ³
7440-02-0	nickel	50 mg/m ³
7440-28-0	thallium	3.3 mg/m ³
7440-36-0	antimony	13 mg/m ³
7440-38-2	arsenic	17 mg/m ³
7440-41-7	beryllium	0.025 mg/m ³
7440-43-9	cadmium (non-pyrophoric)	0.76 mg/m ³
7440-47-3	chromium	17 mg/m ³
7440-48-4	cobalt	2 mg/m ³
7440-50-8	copper	33 mg/m ³
7440-62-2	vanadium	5.8 mg/m ³
7440-66-6	zinc	21 mg/m ³
7440-22-4	silver	170 mg/m ³
· PAC-3:		
7697-37-2	nitric acid	92 ppm
7664-39-3	Hydrofluoric acid	44 ppm
7440-23-5	sodium	870 mg/m ³
7439-95-4	magnesium	1,200 mg/m ³
		(Contd. on page 6)

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019

Trade name: Trace Metals in Drinking Water Standard B

		(Contd. of page 5)
7440-09-7	potassium	150 mg/m ³
7440-39-3	barium	1,100 mg/m ³
7440-24-6	strontium	2,000 mg/m ³
7439-98-7	molybdenum	2,000 mg/m ³
7440-42-8	boron	130 mg/m ³
7782-49-2	selenium	40 mg/m ³
7439-89-6	iron	150 mg/m ³
7439-92-1	lead	700 mg/m ³
7439-93-2	lithium	220 mg/m ³
7439-96-5	manganese	1,800 mg/m ³
7440-02-0	nickel	99 mg/m ³
7440-28-0	thallium	20 mg/m ³
7440-36-0	antimony	80 mg/m ³
7440-38-2	arsenic	100 mg/m ³
7440-41-7	beryllium	0.1 mg/m ³
7440-43-9	cadmium (non-pyrophoric)	4.7 mg/m ³
7440-47-3	chromium	99 mg/m ³
7440-48-4	cobalt	20 mg/m ³
7440-50-8	copper	200 mg/m ³
7440-62-2	vanadium	35 mg/m ³
7440-66-6	zinc	120 mg/m ³
7440-22-4	silver	990 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.

(Contd. on page 7)

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019

Trade name: Trace Metals in Drinking Water Standard B

(Contd. of page 6)

· **Control parameters**

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

7697-37-2 nitric acid

PEL	Long-term value: 5 mg/m ³ , 2 ppm
REL	Short-term value: 10 mg/m ³ , 4 ppm Long-term value: 5 mg/m ³ , 2 ppm
TLV	Short-term value: 10 mg/m ³ , 4 ppm Long-term value: 5.2 mg/m ³ , 2 ppm

7664-39-3 Hydrofluoric acid

PEL	Long-term value: 3 ppm as F
REL	Long-term value: 2.5 mg/m ³ , 3 ppm Ceiling limit value: 5* mg/m ³ , 6* ppm *15-min, as F
TLV	Long-term value: 0.41 mg/m ³ , 0.5 ppm Ceiling limit value: 1.64 mg/m ³ , 2 ppm as F; Skin, BEI

· **Ingredients with biological limit values:**

7664-39-3 Hydrofluoric acid

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.

· **Protection of hands:**



Protective gloves

(Contd. on page 8)

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019

Trade name: Trace Metals in Drinking Water Standard B

(Contd. of page 7)

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

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

Form:	Liquid
Color:	colorless
· Odor:	Characteristic
· Odor threshold:	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	100 °C (212 °F)

· **Flash point:** Not applicable.

· **Flammability (solid, gaseous):** Not applicable.

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not selfigniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **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.

(Contd. on page 9)

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019

Trade name: Trace Metals in Drinking Water Standard B

(Contd. of page 8)

· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Water:	97.5 %
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 Hydrofluoric acid
Oral LD50 1,276 mg/kg (rat)

- **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.

(Contd. on page 10)

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019

Trade name: Trace Metals in Drinking Water Standard B

(Contd. of page 9)

· **Carcinogenic categories**

· **IARC (International Agency for Research on Cancer)**

7782-49-2	selenium	3
7439-92-1	lead	2B
7440-02-0	nickel	2B
7440-38-2	arsenic	1
7440-41-7	beryllium	1
7440-43-9	cadmium (non-pyrophoric)	1
7440-47-3	chromium	3
7440-48-4	cobalt	2B

· **NTP (National Toxicology Program)**

7439-92-1	lead	R
7440-02-0	nickel	R
7440-38-2	arsenic	K
7440-41-7	beryllium	K
7440-43-9	cadmium (non-pyrophoric)	K
7440-48-4	cobalt	R

· **OSHA-Ca (Occupational Safety & Health Administration)**

7440-38-2	arsenic	
7440-43-9	cadmium (non-pyrophoric)	

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:** No further relevant information available.

· **Persistence and degradability** No further relevant information available.

· **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.

US

(Contd. on page 11)

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019



Trade name: Trace Metals in Drinking Water Standard B

(Contd. of page 10)

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 Transport information

· UN-Number · DOT, ADR, IMDG, IATA	UN3264
· UN proper shipping name · DOT · ADR · IMDG, IATA	Corrosive liquid, acidic, inorganic, n.o.s. (Nitric acid) 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID) CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID)
· Transport hazard class(es) · DOT	
	
· Class · Label	8 Corrosive substances 8
· ADR, IMDG, IATA	
	
· Class · Label	8 Corrosive substances 8
· Packing group · DOT, ADR, IMDG, IATA	III
· Environmental hazards:	Not applicable.
· Special precautions for user · Danger code (Kemler): · EMS Number: · Segregation groups · Stowage Category · Stowage Code	Warning: Corrosive substances 80 F-A,S-B Acids A SW2 Clear of living quarters.

(Contd. on page 12)

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019

Trade name: Trace Metals in Drinking Water Standard B

(Contd. of page 11)

· Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	
· DOT	
· Quantity limitations	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L
· ADR	
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· UN "Model Regulation":	UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID), 8, III

15 Regulatory information

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

· **Section 355 (extremely hazardous substances):**

7697-37-2	nitric acid
7664-39-3	Hydrofluoric acid

· **Section 313 (Specific toxic chemical listings):**

7697-37-2	nitric acid
7664-39-3	Hydrofluoric acid
7440-39-3	barium
7429-90-5	aluminium
7782-49-2	selenium
7439-92-1	lead
7439-96-5	manganese
7440-02-0	nickel
7440-28-0	thallium
7440-36-0	antimony
7440-38-2	arsenic
7440-41-7	beryllium
7440-43-9	cadmium (non-pyrophoric)
7440-47-3	chromium
7440-48-4	cobalt

(Contd. on page 13)

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019

Trade name: Trace Metals in Drinking Water Standard B

(Contd. of page 12)

7440-50-8	copper
7440-62-2	vanadium
7440-66-6	zinc
7440-22-4	silver

· TSCA (Toxic Substances Control Act):

All components have the value ACTIVE.

· Hazardous Air Pollutants

7664-39-3	Hydrofluoric acid
7439-92-1	lead
7439-96-5	manganese
7440-48-4	cobalt

· Proposition 65

· Chemicals known to cause cancer:

7439-92-1	lead
7440-02-0	nickel
7440-38-2	arsenic
7440-41-7	beryllium
7440-43-9	cadmium (non-pyrophoric)
7440-48-4	cobalt

· Chemicals known to cause reproductive toxicity for females:

7439-92-1	lead
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· Chemicals known to cause reproductive toxicity for males:

7439-92-1	lead
7440-43-9	cadmium (non-pyrophoric)

· Chemicals known to cause developmental toxicity:

7439-92-1	lead
7440-43-9	cadmium (non-pyrophoric)

· Carcinogenic categories

· EPA (Environmental Protection Agency)

7440-39-3	barium	D, CBD(inh), NL(oral)
7440-42-8	boron	I (oral)
7782-49-2	selenium	D
7439-92-1	lead	B2
7439-96-5	manganese	D
7440-38-2	arsenic	A
7440-41-7	beryllium	B1, K/L(inh), CBD(oral)
7440-43-9	cadmium (non-pyrophoric)	B1
7440-47-3	chromium	D
7440-50-8	copper	D
7440-66-6	zinc	D, I, II

(Contd. on page 14)

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019

Trade name: Trace Metals in Drinking Water Standard B

(Contd. of page 13)

7440-22-4	silver	D
· TLV (Threshold Limit Value established by ACGIH)		
7440-39-3	barium	A4
7429-90-5	aluminium	A4
7439-98-7	molybdenum	A3
7439-92-1	lead	A3
7440-02-0	nickel	A5
7440-38-2	arsenic	A1
7440-41-7	beryllium	A1
7440-43-9	cadmium (non-pyrophoric)	A2
7440-47-3	chromium	A4
7440-48-4	cobalt	A3

· NIOSH-Ca (National Institute for Occupational Safety and Health)

7440-02-0	nickel
7440-38-2	arsenic
7440-41-7	beryllium
7440-43-9	cadmium (non-pyrophoric)

· 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

Hydrofluoric acid

· 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.

(Contd. on page 15)

Safety Data Sheet
acc. to OSHA HCS

Printing date 10/25/2019

Reviewed on 10/25/2019

Trade name: Trace Metals in Drinking Water Standard B

(Contd. of page 14)

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

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· **Date of preparation / last revision** 10/25/2019 / -

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport 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

ACGIH: American Conference of Governmental Industrial Hygienists

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 – Category 1