

acc. to OSHA HCS

Printing date 05/27/2021

Review date 05/27/2021

1 Identification

- **Product identifier**
- **Trade name: STD, Spike Sample Standard 3**
- **Article number** N9303841
- **Application of the substance / the mixture** Laboratory chemicals
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**

PerkinElmer, Inc.
710 Bridgeport Avenue
Shelton, Connecticut 06484 USA
CustomerCareUS@perkinelmer.com
203-925-4600

- **Emergency telephone number:**
CHEMTREC (within US) 800-424-9300
CHEMTREC (from outside US) +1 703-527-3887 (call collect)
CHEMTREC (within AU) +(61)-290372994

2 Hazard(s) identification

- **Classification of the substance or mixture**



Corrosion

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

- **Label elements**
- **GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).
- **Hazard pictograms** GHS05
- **Signal word** Danger

- **Hazard-determining components of labeling:**

Nitric Acid

- **Hazard statements**

H314 Causes severe skin burns and eye damage.

- **Precautionary statements**

- P260 Do not breathe dusts or mists.
- P264 Wash thoroughly after handling.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P330+P331 If swallowed: Rinse mouth. Do NOT induce vomiting.
- P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P310 Immediately call a poison center/doctor.
- P321 Specific treatment (see on this label).
- P363 Wash contaminated clothing before reuse.
- P405 Store locked up.

(Contd. on page 2)

acc. to OSHA HCS

Printing date 05/27/2021

Review date 05/27/2021

Trade name: STD, Spike Sample Standard 3

(Contd. of page 1)

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

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



- **HMIS-ratings (scale 0 - 4)**



- **Other hazards**

The product does not contain any organic halogen compounds (AOX), nitrates, heavy metal compounds or formaldehydes.

- **Results of PBT and vPvB assessment**

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

3 Composition/information on ingredients

- **EC number:** 231-791-2
- **Chemical characterization:** Mixtures
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Hazardous components:**

7697-37-2	Nitric Acid Ox. Liq. 2, H272 Skin Corr. 1A, H314	5.0%
7664-39-3	Hydrofluoric acid Acute Tox. 2, H300; Acute Tox. 1, H310; Acute Tox. 2, H330 Skin Corr. 1A, H314	0.1%

· **Additional Components**

7732-18-5	Water	94.5501%
147-71-7	(-)-tartaric acid Skin Irrit. 2, H315	0.2%
7429-90-5	aluminium	0.02%
7440-39-3	barium Water-react. 2, H261	0.02%
7440-47-3	chromium	0.02%
1317-35-7	trimanganese tetraoxide	0.01%
7439-92-1	lead Carc. 2, H351; Repr. 1A, H360	0.01%
7440-02-0	nickel Carc. 2, H351; STOT RE 1, H372 Skin Sens. 1, H317	0.01%






















(Contd. on page 3)

acc. to OSHA HCS

Printing date 05/27/2021

Review date 05/27/2021

Trade name: STD, Spike Sample Standard 3

		(Contd. of page 2)
7440-22-4	silver	0.01%
7440-28-0	thallium  Acute Tox. 2, H300; Acute Tox. 2, H330  STOT RE 2, H373  Aquatic Chronic 4, H413	0.01%
7440-62-2	vanadium	0.01%
7440-66-6	zinc  Pyr. Sol. 1, H250; Water-react. 1, H260  Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.01%
7782-49-2	selenium  Acute Tox. 3, H301; Acute Tox. 3, H331  STOT RE 2, H373  Aquatic Chronic 4, H413	0.01%
7440-48-4	cobalt  Resp. Sens. 1, H334; Carc. 2, H351  Skin Sens. 1, H317  Aquatic Chronic 4, H413	0.005%
7440-50-8	copper	0.0025%
7440-36-0	antimony  Acute Tox. 3, H311; Acute Tox. 3, H331	0.001%
7440-41-7	beryllium  Acute Tox. 3, H301; Acute Tox. 2, H330  Carc. 1B, H350; STOT RE 1, H372  Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1, H317; STOT SE 3, H335	0.0005%
7440-43-9	cadmium  Acute Tox. 3, H301; Acute Tox. 2, H330  Muta. 2, H341; Carc. 1B, H350; Repr. 2, H361; STOT RE 1, H372  Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.0005%
7440-38-2	Arsenic  Acute Tox. 3, H301; Acute Tox. 3, H331  Carc. 1A, H350  Aquatic Acute 1, H400; Aquatic Chronic 1, H410	0.0004%

4 First-aid measures

- **Description of first aid measures**
- **General information:** Immediately remove any clothing soiled by the product.
- **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.
Rub in Ca-gluconate solution or Ca-gluconate gel immediately.
- **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.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

(Contd. on page 4)

acc. to OSHA HCS

Printing date 05/27/2021

Review date 05/27/2021

Trade name: STD, Spike Sample Standard 3

(Contd. of page 3)

- **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:**
Inform respective authorities in case of seepage into water course or sewage system.
Dilute with plenty of 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-I:**

7697-37-2	Nitric Acid	0.16 ppm
7440-39-3	barium	1.5 mg/m ³
7440-47-3	chromium	1.5 mg/m ³
1317-35-7	trimanganese tetraoxide	4.2 mg/m ³
7439-92-1	lead	0.15 mg/m ³
7440-02-0	nickel	4.5 mg/m ³
7440-22-4	silver	0.3 mg/m ³
7440-28-0	thallium	0.06 mg/m ³
7440-62-2	vanadium	3 mg/m ³
7440-66-6	zinc	6 mg/m ³
7782-49-2	selenium	0.6 mg/m ³
7440-48-4	cobalt	0.18 mg/m ³
7440-50-8	copper	3 mg/m ³

(Contd. on page 5)

acc. to OSHA HCS

Printing date 05/27/2021

Review date 05/27/2021

Trade name: STD, Spike Sample Standard 3

		(Contd. of page 4)
7440-36-0	antimony	1.5 mg/m ³
7440-41-7	beryllium	0.0023 mg/m ³
7440-43-9	cadmium	0.10 mg/m ³
7440-38-2	Arsenic	1.5 mg/m ³
· PAC-2:		
7697-37-2	Nitric Acid	24 ppm
7440-39-3	barium	180 mg/m ³
7440-47-3	chromium	17 mg/m ³
1317-35-7	trimanganese tetraoxide	6.9 mg/m ³
7439-92-1	lead	120 mg/m ³
7440-02-0	nickel	50 mg/m ³
7440-22-4	silver	170 mg/m ³
7440-28-0	thallium	3.3 mg/m ³
7440-62-2	vanadium	5.8 mg/m ³
7440-66-6	zinc	21 mg/m ³
7782-49-2	selenium	6.6 mg/m ³
7440-48-4	cobalt	2 mg/m ³
7440-50-8	copper	33 mg/m ³
7440-36-0	antimony	13 mg/m ³
7440-41-7	beryllium	0.025 mg/m ³
7440-43-9	cadmium	0.76 mg/m ³
7440-38-2	Arsenic	17 mg/m ³
· PAC-3:		
7697-37-2	Nitric Acid	92 ppm
7440-39-3	barium	1,100 mg/m ³
7440-47-3	chromium	99 mg/m ³
1317-35-7	trimanganese tetraoxide	41 mg/m ³
7439-92-1	lead	700 mg/m ³
7440-02-0	nickel	99 mg/m ³
7440-22-4	silver	990 mg/m ³
7440-28-0	thallium	20 mg/m ³
7440-62-2	vanadium	35 mg/m ³
7440-66-6	zinc	120 mg/m ³
7782-49-2	selenium	40 mg/m ³
7440-48-4	cobalt	20 mg/m ³
7440-50-8	copper	200 mg/m ³
7440-36-0	antimony	80 mg/m ³
7440-41-7	beryllium	0.1 mg/m ³
7440-43-9	cadmium	4.7 mg/m ³

(Contd. on page 6)

acc. to OSHA HCS

Printing date 05/27/2021

Review date 05/27/2021

Trade name: STD, Spike Sample Standard 3

7440-38-2 Arsenic

(Contd. of page 5)

100 mg/m³

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:**
The product is not flammable.
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.
- **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: 1* mg/m ³ , 3 ppm as F, *sulfuric acid
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

(Contd. on page 7)

acc. to OSHA HCS

Printing date 05/27/2021

Review date 05/27/2021

Trade name: STD, Spike Sample Standard 3

(Contd. of page 6)

· Ingredients with biological limit values:

7664-39-3 Hydrofluoric acid

BEI	3 mg/g creatinine Medium: urine Time: prior to shift Parameter: Flourides (background)
	10 mg/g creatinine Medium: urine Time: end of shift Parameter: Flourides (background)

· 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

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

USA

(Contd. on page 8)

acc. to OSHA HCS

Printing date 05/27/2021

Review date 05/27/2021

Trade name: STD, Spike Sample Standard 3

(Contd. of page 7)

9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

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

· **pH-value:** Not determined.

· **Change in condition**

· Melting point/Melting range:	0 °C (32 °F)
· 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.
Not determined.

· **Explosion limits:**

· Lower:	Not determined.
· Upper:	Not determined.

· **Vapor pressure:** Not determined.

· **Density at 20 °C (68 °F):** 1 g/cm³ (8.345 lbs/gal)

· **Relative density** Not determined.

· **Vapor density** Not determined.

· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with**

· **Water:** Fully miscible.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**

· Dynamic:	Not determined.
· Kinematic:	Not determined.

· **Solvent content:**

· Water:	94.6 %
· VOC content:	0.00 %

· **Solids content:** 0.1 %

· **Other information** No further relevant information available.

acc. to OSHA HCS

Printing date 05/27/2021

Review date 05/27/2021

Trade name: STD, Spike Sample Standard 3

(Contd. of page 8)

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:**
- **Primary irritant effect:**
- **on the skin:** 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:
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 (International Agency for Research on Cancer)**

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

· **NTP (National Toxicology Program)**

7439-92-1	lead	R
7440-02-0	nickel	R
7440-48-4	cobalt	R
7440-41-7	beryllium	K
7440-43-9	cadmium	K
7440-38-2	Arsenic	K

(Contd. on page 10)

acc. to OSHA HCS

Printing date 05/27/2021

Review date 05/27/2021

Trade name: STD, Spike Sample Standard 3

(Contd. of page 9)

· OSHA-Ca (Occupational Safety & Health Administration)	
7440-43-9	cadmium
7440-38-2	Arsenic

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:**
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:**
Dispose of container and materials in accordance with local, regional and national regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

14 Transport information

· UN-Number	UN3264
· DOT, ADR, IMDG, IATA	
· UN proper shipping name	Corrosive liquid, acidic, inorganic, n.o.s. (Nitric Acid, Hydrogen fluoride)
· DOT	
· 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)

(Contd. on page 11)

acc. to OSHA HCS

Printing date 05/27/2021

Review date 05/27/2021

Trade name: STD, Spike Sample Standard 3

(Contd. of page 10)

· **Transport hazard class(es)**

· **DOT**



· **Class** 8 Corrosive substances
· **Label** 8

· **ADR**



· **Class** 8 (C1) Corrosive substances
· **Label** 8

· **IMDG, IATA**



· **Class** 8 Corrosive substances
· **Label** 8

· **Packing group**

· **DOT, ADR, IMDG, IATA** III

· **Environmental hazards:**

· **Marine pollutant:** No

· **Special precautions for user** Warning: Corrosive substances

· **Hazard identification number (Kemler code):** 80

· **EMS Number:** F-A,S-B

· **Segregation groups** 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: E1
Maximum net quantity per inner packaging: 30 ml
Maximum net quantity per outer packaging: 1000 ml

(Contd. on page 12)

acc. to OSHA HCS

Printing date 05/27/2021

Review date 05/27/2021




Trade name: STD, Spike Sample Standard 3

(Contd. of page 11)

· 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
· UN "Model Regulation":	UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID, HYDROGEN FLUORIDE), 8, III

15 Regulatory information

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

7732-18-5	Water		94.5501%
7697-37-2	Nitric Acid	 Ox. Liq. 2, H272  Skin Corr. 1A, H314	5.0%
147-71-7	(-)-tartaric acid	 Skin Irrit. 2, H315	0.2%

· **Sara**

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

7697-37-2	Nitric Acid
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· **Section 313 (Specific toxic chemical listings):**

7697-37-2	Nitric Acid
7429-90-5	aluminium
7440-39-3	barium
7440-47-3	chromium
1317-35-7	trimanganese tetraoxide
7439-92-1	lead
7440-02-0	nickel
7440-22-4	silver
7440-28-0	thallium
7440-62-2	vanadium
7440-66-6	zinc
7782-49-2	selenium
7440-48-4	cobalt
7440-50-8	copper
7440-36-0	antimony
7440-41-7	beryllium
7440-43-9	cadmium
7440-38-2	Arsenic

· **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

7732-18-5	Water	ACTIVE
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(Contd. on page 13)

acc. to OSHA HCS

Printing date 05/27/2021

Review date 05/27/2021

Trade name: STD, Spike Sample Standard 3

(Contd. of page 12)

7697-37-2	Nitric Acid	ACTIVE
147-71-7	(-)-tartaric acid	ACTIVE
7429-90-5	aluminium	ACTIVE
7440-39-3	barium	ACTIVE
7440-47-3	chromium	ACTIVE
1317-35-7	trimanganese tetraoxide	ACTIVE
7439-92-1	lead	ACTIVE
7440-02-0	nickel	ACTIVE
7440-22-4	silver	ACTIVE
7440-28-0	thallium	ACTIVE
7440-62-2	vanadium	ACTIVE
7440-66-6	zinc	ACTIVE
7782-49-2	selenium	ACTIVE
7440-48-4	cobalt	ACTIVE
7440-50-8	copper	ACTIVE
7440-36-0	antimony	ACTIVE
7440-41-7	beryllium	ACTIVE
7440-43-9	cadmium	ACTIVE
7440-38-2	Arsenic	ACTIVE

· **Hazardous Air Pollutants**

1317-35-7	trimanganese tetraoxide
7439-92-1	lead
7440-48-4	cobalt

· **Proposition 65**

· **Chemicals known to cause cancer:**

7439-92-1	lead
7440-02-0	nickel
7440-48-4	cobalt
7440-41-7	beryllium
7440-43-9	cadmium
7440-38-2	Arsenic

· **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

· **Chemicals known to cause developmental toxicity:**

7439-92-1	lead
7440-43-9	cadmium

(Contd. on page 14)

acc. to OSHA HCS

Printing date 05/27/2021

Review date 05/27/2021

Trade name: STD, Spike Sample Standard 3

(Contd. of page 13)

· **Carcinogenicity categories**

· **EPA (Environmental Protection Agency)**

7440-39-3	barium	D, CBD(inh), NL(oral)
7440-47-3	chromium	D
1317-35-7	trimanganese tetraoxide	D
7439-92-1	lead	B2
7440-22-4	silver	D
7440-66-6	zinc	D, I, II
7782-49-2	selenium	D
7440-50-8	copper	D
7440-41-7	beryllium	B1, K/L(inh), CBD(oral)
7440-43-9	cadmium	B1
7440-38-2	Arsenic	A

· **TLV (Threshold Limit Value established by ACGIH)**

7429-90-5	aluminium	A4
7440-39-3	barium	A4
7440-47-3	chromium	A4
7439-92-1	lead	A3
7440-02-0	nickel	A5
7440-48-4	cobalt	A3
7440-41-7	beryllium	A1
7440-43-9	cadmium	A2
7440-38-2	Arsenic	A1

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

7440-02-0	nickel	
7440-41-7	beryllium	
7440-43-9	cadmium	
7440-38-2	Arsenic	

· **National regulations:**

· **Information about limitation of use:**

Workers are not allowed to be exposed to this hazardous material. Exceptions can be made by the authorities in certain cases.

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

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

16 Other information

Disclaimer

The information provided in this Material Safety Data Sheet is based on our present knowledge, and believed to be correct at the date of publication. However, no representation is made concerning its accuracy and completeness. It is intended as guidance only, and is not to be considered a warranty or quality specification. All materials may present unknown hazards, and

(Contd. on page 15)

acc. to OSHA HCS

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Trade name: STD, Spike Sample Standard 3

(Contd. of page 14)

should be used with caution. Although certain hazards are described, we cannot guarantee that these are the only hazards which exist. PerkinElmer shall not be held liable for any damage resulting from handling or from contact with the product.

· **Department issuing SDS:** Environmental, Health and Safety

· **Contact:**

Within the USA: 1-(800)-762-4000

Outside the USA: 1-(203)-712-8488

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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)

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

Ox. Liq. 2: Oxidizing liquids – Category 2

Acute Tox. 2: Acute toxicity – Category 2

Acute Tox. 1: Acute toxicity – Category 1

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

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

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

· *** Data compared to the previous version altered.**