1 Identification

- · Product identifier
- · Product Name: Instrument Calibration Standard 2
- · Part Number: CL-CAL-2
- $\cdot \textbf{\textit{Application of the substance / the mixture } \textit{Certified Reference Material} \\$
- · Details of the supplier of the safety data sheet
- · Manufacturer/Supplier:

SPEX CertiPrep, LLC.

203 Norcross Ave, Metuchen,

NJ 08840 USA

- · Information department: product safety department
- · Emergency telephone number:

Emergency Phone Number (24 hours)

CHEMTREC (800-424-9300)

Outside US: 703-527-3887

2 Hazard(s) identification

· Classification of the substance or mixture



GHS05 Corrosion

Skin Corr. 1B 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

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

· Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

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

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.

Store locked up.

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

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



Product Name: Instrument Calibration Standard 2

· HMIS-ratings (scale 0 - 4)

(Contd. of page 1)



- · 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.

7697-37-2 nitric acid	5.0%
Chemical identification of the substance/preparation	
7664-39-3 hydrofluoric acid	0.3%
87-69-4 (+)-tartaric acid	0.2%
7439-92-1 Lead from Lead Oxide	0.01%
7440-50-8 copper	0.01%
7782-49-2 selenium	0.01%
7439-89-6 iron	0.01%
7440-09-7 potassium	0.01%
7440-62-2 Vanadium from Ammonium trioxovanadate	0.01%
7440-70-2 Calcium from Calcium carbonate	0.01%
7440-36-0 antimony	0.01%
7440-38-2 arsenic	0.01%
7440-47-3 Chromium from Chromium(III) nitrate nonahydrate	0.01%
7440-48-4 cobalt	0.01%
7440-43-9 cadmium (non-pyrophoric)	0.01%
7440-41-7 Beryllium from Beryllium Acetate	0.01%
7440-28-0 Thallium from Thallium nitrate	0.01%
7440-22-4 silver	0.01%
7439-95-4 magnesium	0.01%
7439-98-7 molybdenum	0.01%
7440-23-5 Sodium from Sodium carbonate	0.01%
7440-39-3 Barium from Barium carbonate	0.01%
7440-24-6 strontium	0.01%
7440-31-5 tin	0.01%
7429-90-5 aluminium	0.01%
7440-66-6 zinc powder -zinc dust (stabilized)	0.01%
7440-02-0 nickel	0.01%
7439-96-5 manganese	0.01%
7440-32-6 titanium from ammonium hexafluorotitanate	0.01%
7732-18-5 water, distilled, conductivity or of similar purity	94.24%

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: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Immediately rinse with water.
- · After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.
- · After swallowing: Do not give anything to eat or drink Do not induce vomitting

(Contd. on page 3)

Safety Data Sheet acc. to OSHA HCS

Printing date 12/06/2018 Reviewed on 12/06/2018

Product Name: Instrument Calibration Standard 2

(Contd. of page 2)

- · 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

7697-37-2 n	itric acid	0.16 ppm
87-69-4 (-	+)-tartaric acid	1.6 mg/m^3
7439-92-1 L	ead from Lead Oxide	0.15 mg/m^3
7440-50-8 c	opper	3 mg/m ³
7782-49-2 se	elenium	0.6 mg/m^3
7439-89-6 ir	ron	3.2 mg/m^3
7440-09-7 p	otassium	2.3 mg/m^3
7440-62-2 V	anadium from Ammonium trioxovanadate	3 mg/m ³
7440-36-0 a	ntimony	1.5 mg/m^3
7440-38-2 a	rsenic	1.5 mg/m^3
7440-47-3 C	Chromium from Chromium(III) nitrate nonahydrate	1.5 mg/m^3
7440-48-4 ce	obalt	0.18 mg/m^3
7440-43-9 ca	admium (non-pyrophoric)	0.10 mg/m^3
7440-41-7 B	Beryllium from Beryllium Acetate	0.0023 mg/s
7440-28-0 T	hallium from Thallium nitrate	$0.06 \ mg/m^3$
7440-22-4 si	ilver	0.3 mg/m^3
7439-95-4 m	nagnesium	18 mg/m³
7439-98-7 m	nolybdenum	30 mg/m³
7440-23-5 S	odium from Sodium carbonate	13 mg/m³
7440-39-3 B	Parium from Barium carbonate	1.5 mg/m^3
7440-24-6 st	trontium	30 mg/m³
7440-31-5 ti	n	6 mg/m ³
7440-66-6 zi	inc powder -zinc dust (stabilized)	6 mg/m ³
7440-02-0 n	ickel	4.5 mg/m^3
7439-96-5 m	nanganese	3 mg/m ³
7440-32-6 ti	itanium from ammonium hexafluorotitanate	30 mg/m³
PAC-2:		*
7697-37-2 n	itric acid	24 ppm
87-69-4 (-	+)-tartaric acid	17 mg/m³
7439-92-1 L	ead from Lead Oxide	120 mg/m ⁻

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7440-50-8	copper	33 mg/m
7782-49-2	selenium	6.6 mg/n
7439-89-6	iron	35 mg/m
7440-09-7	potassium	25 mg/m
7440-62-2	Vanadium from Ammonium trioxovanadate	5.8 mg/r
7440-36-0	antimony	13 mg/m
7440-38-2	arsenic	17 mg/m
7440-47-3	Chromium from Chromium(III) nitrate nonahydrate	17 mg/m
7440-48-4	cobalt	2 mg/m ³
7440-43-9	cadmium (non-pyrophoric)	0.76 mg.
7440-41-7	Beryllium from Beryllium Acetate	0.025 m
	Thallium from Thallium nitrate	3.3 mg/r
7440-22-4	silver	170 mg/
7439-95-4	magnesium	200 mg/
	molybdenum	330 mg/
	Sodium from Sodium carbonate	140 mg/
	Barium from Barium carbonate	180 mg/
7440-24-6	· · · · · · · · · · · · · · · · · · ·	330 mg/
7440-31-5	tin	67 mg/m
	zinc powder -zinc dust (stabilized)	21 mg/n
7440-02-0		50 mg/n
	manganese	5 mg/m ³
	titanium from ammonium hexafluorotitanate	330 mg/
<i>PAC-3</i> :	, , , , , , , , , , , , , , , , , , ,	
7697-37-2	nituis gaid	92 ppm
	(+)-tartaric acid	100 mg/
	Lead from Lead Oxide	700 mg/
7440-50-8		200 mg/
7782-49-2		40 mg/n
7439-89-6		40 mg/n 150 mg/
7440-09-7		150 mg/
		-
7440-02-2 7440-36-0	Vanadium from Ammonium trioxovanadate	35 mg/n
7440-38-2		80 mg/m 100 mg/
	arsenic Chromium from Chromium(III) nitrate nonahydrate	100 mg/ 99 mg/n
7440-47-3 7440-48-4	· · · · · · · · · · · · · · · · · · ·	
		20 mg/n
	cadmium (non-pyrophoric)	4.7 mg/r
	Beryllium from Beryllium Acetate	0.1 mg/r
	Thallium from Thallium nitrate	20 mg/m
7440-22-4		990 mg/
	magnesium	1,200 m
	molybdenum	2,000 m
	Sodium from Sodium carbonate	870 mg/
	Barium from Barium carbonate	1,100 m
7440-24-6		2,000 m
7440-31-5		400 mg/
7440-66-6	zinc powder -zinc dust (stabilized)	120 mg/
	Injakal	99 mg/m
7440-02-0	manganese	1,800 m

7 Handling and storage

- · Handling:

Precautions for safe handling
Ensure good ventilation/exhaustion at the workplace.

Product Name: Instrument Calibration Standard 2

(Contd. of page 4)

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.
- · 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: 10 mg/m³, 4 ppm

Long-term value: 5.2 mg/m³, 2 ppm

• 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.

· Respiratory protection:

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.

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
- $\cdot \ General\ Information$
- · Appearance:

Form: Liquid

Color: According to product specification

Odor: CharacteristicOdour Threshold: Not applicable.

(Contd. on page 6)

Product Name: Instrument Calibration Standard 2

	(Contd. of pa	ige 5
· pH-value:	Not applicable.	
· Change in condition Melting point/Melting range: Boiling point/Boiling range:	<i>Undetermined.</i> 83 °C (181.4 °F)	
· Flash point:	Not applicable.	
· Flammability (solid, gaseous):	Not applicable.	
· Decomposition temperature:	Not applicable.	
· Auto igniting:	Product is not selfigniting.	
· Danger of explosion:	Product does not present an explosion hazard.	
· Explosion limits: Lower: Upper:	Not applicable. Not applicable.	
· Vapor pressure at 20 °C (68 °F):	23 hPa (17.3 mm Hg)	
· Density at 20 °C (68 °F) · Relative density · Vapor density · Evaporation rate	1.02961 g/cm³ (8.5921 lbs/gal) Not applicable. Not applicable. Not applicable.	
· Solubility in / Miscibility with Water:	Not miscible or difficult to mix.	
· Partition coefficient (n-octanol/water	r): Not applicable.	
· Viscosity: Dynamic: Kinematic:	Not applicable. Not applicable.	
· Solvent content: Water: VOC content:	94.2 % 0.00 %	
Solids content: Other information	0.4 % 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:
- 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.
- $\cdot \textit{Additional toxicological information:}$

 ${\it The product shows the following dangers according to internally approved calculation methods for preparations:}$

Harmful

Corrosive

Irritant

· Carcinogenic categories

· IARC (International Agency for Research on Cancer)

7439-92-1 Lead from Lead Oxide

2*B*

Product Name: Instrument Calibration Standard 2

		Contd. of page
7782-49-2		3
7440-38-2	arsenic	1
7440-47-3	Chromium from Chromium(III) nitrate nonahydrate	3
7440-48-4	cobalt	2
7440-43-9	cadmium (non-pyrophoric)	1
7440-41-7	Beryllium from Beryllium Acetate	1
7440-02-0	nickel	2
· NTP (Nati	ional Toxicology Program)	
7439-92-1	Lead from Lead Oxide	
7440-38-2	arsenic	
7440-48-4	cobalt	
7440-43-9	cadmium (non-pyrophoric)	
7440-41-7	Beryllium from Beryllium Acetate	
7440-02-0	nickel	
· 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:
- $\cdot \textit{Bioaccumulative potential No further relevant information available}.$
- · Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

- Danger to drinking water if even small quantities leak into the ground.
- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- $\cdot \textit{Other adverse effects} \ \textit{No further relevant information available}.$

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 Transport information		
· UN-Number · DOT, ADR, IMDG, IATA	UN3264	
· UN proper shipping name		
·DOT	Corrosive liquid, acidic, inorganic, n.o.s. (Nitric acid solution, Hydrofluoric acid)	
$\cdot ADR$	3264 Corrosive liquid, acidic, inorganic, n.o.s. (Nitric acid solution,	
	Hydrofluoric acid)	
· IMDG, IATA	CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (NITRIC ACID SOLUTION, HYDROFLUORIC ACID)	

(Contd. on page 8)

Product Name: Instrument Calibration Standard 2

(Contd. of page 7) · Transport hazard class(es) $\cdot DOT$ · Class 8 Corrosive substances · Label · ADR, IMDG, IATA 8 Corrosive substances · Class · Label · Packing group · DOT, ADR, IMDG, IATA III · Environmental hazards: Not applicable. · Special precautions for user Warning: Corrosive substances · Danger code (Kemler): 80 · EMS Number: F-A,S-B· Segregation groups Acids· Stowage Category · Stowage Code SW2 Clear of living quarters. · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Not applicable. · Transport/Additional information: $\cdot ADR$ Code: E1 · Excepted quantities (EQ) Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml · IMDG 5L · Limited quantities (LQ) · Excepted quantities (EQ) Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (NITRIC · UN "Model Regulation":

15 Regul	latory inj	ormat	ion
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· Safety, health and environmental regulations/legislation specific for the substance or mixture

•	Sara
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· Sara			
· Section 31	· Section 313 (Specific toxic chemical listings):		
7697-37-2	nitric acid		
7664-39-3	hydrofluoric acid		
7439-92-1	Lead from Lead Oxide		
7440-50-8	copper		
7782-49-2	selenium		
7440-62-2	Vanadium from Ammonium trioxovanadate		
7440-36-0	antimony		
7440-38-2	arsenic		
7440-47-3	Chromium from Chromium(III) nitrate nonahydrate		
7440-48-4	cobalt		
7440-43-9	cadmium (non-pyrophoric)		
7440-41-7	Beryllium from Beryllium Acetate		
	(Contd. on mage 0)		

ACID SOLUTION, HYDROFLUORIC ACID), 8, III

(Contd. on page 9)

Product Name: Instrument Calibration Standard 2

		(Contd. of page
	Thallium from Thallium nitrate	
7440-22-4		
7440-39-3	Barium from Barium carbonate	
7429-90-5	aluminium	
7440-66-6	zinc powder -zinc dust (stabilized)	
7440-02-0	nickel	
7439-96-5	manganese	
· TSCA (Tox	ic Substances Control Act):	
7697-37-2		
	(+)-tartaric acid	
	Lead from Lead Oxide	
7440-50-8		
7782-49-2	**	
7439-89-6		
7440-09-7		
	Vanadium from Ammonium trioxovanadate	
	Calcium from Calcium carbonate	
7440-36-0		
7440-38-2		
	Chromium from Chromium(III) nitrate nonahydrate	
7440-47-3		
	cadmium (non-pyrophoric)	
	Beryllium from Beryllium Acetate	
	Thallium from Thallium nitrate	
7440-28-0	·	
7439-95-4		
	molybdenum	
	Sodium from Sodium carbonate	
	Barium from Barium carbonate	
7440-24-6		
7440-31-5		
7429-90-5		
	zinc powder -zinc dust (stabilized)	
7440-02-0		
7439-96-5		
	titanium from ammonium hexafluorotitanate	
	water, distilled, conductivity or of similar purity	
· Proposition	165	
	known to cause cancer:	
	Lead from Lead Oxide	
7440-38-2		
7440-48-4		
	cadmium (non-pyrophoric)	
	Beryllium from Beryllium Acetate	
7440-02-0	nickel	
· Chemicals	known to cause reproductive toxicity for females:	
	ingredients is listed.	
	known to cause reproductive toxicity for males:	
	cadmium (non-pyrophoric)	
	known to cause developmental toxicity:	
/440-43-9	cadmium (non-pyrophoric)	
· Carcinogen	ic categories	
· EPA (Envir	conmental Protection Agency)	
7439-92-1	Lead from Lead Oxide	B2
7440-50-8	copper	D
		(Contd. on page

Product Name: Instrument Calibration Standard 2

(Contd. of page 9) 7782-49-2 selenium D 7440-38-2 arsenic Α 7440-43-9 cadmium (non-pyrophoric) *B1* 7440-41-7 Beryllium from Beryllium Acetate B1, K/L(inh), CBD(oral) 7440-22-4 silver 7440-39-3 Barium from Barium carbonate D, CBD(inh), NL(oral) 7440-66-6 zinc powder -zinc dust (stabilized) D, I, II 7439-96-5 manganese D · TLV (Threshold Limit Value established by ACGIH) 7439-92-1 Lead from Lead Oxide A37440-38-2 arsenic A17440-48-4 cobalt *A3* 7440-43-9 cadmium (non-pyrophoric) A2 7439-98-7 molybdenum *A3* 7440-39-3 Barium from Barium carbonate A47429-90-5 aluminium A47440-02-0 nickel Α5 · NIOSH-Ca (National Institute for Occupational Safety and Health) 7440-38-2 arsenic 7440-43-9 cadmium (non-pyrophoric) 7440-02-0 nickel 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

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

· Precautionary statements

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

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

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.

Store locked up.

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: product safety department
- · Contact:

SPEX CertiPrep, LLC.

1-732-549-7144

- · Date of preparation / last revision 12/06/2018 / -
- · 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

Safety Data Sheet acc. to OSHA HCS

Printing date 12/06/2018 Reviewed on 12/06/2018

Product Name: Instrument Calibration Standard 2

ACGIH: American Conference of Governmental Industrial Hygienists EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified 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
PBT: Permissible Exposure Limit

1LV: Irresnotal Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Eye Dam. 1: Serious eye damage/eye irritation – Category 1

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