

Safety Data Sheet
acc. to OSHA HCS

Printing date 07/21/2020

Reviewed on 07/21/2020

1 Identification

- **Product identifier**
- **Product Name:** 1000 µg/mL Yttrium
- **Part Name:**
 - PLY2-2M
 - PLY2-2Y
 - PLY2-2T
 - PLY2-2X
- **Application of the substance / the mixture** *Certified Reference Material*
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
 - SPEX CeriPrep, 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**



Safety Data Sheet
acc. to OSHA HCS

Printing date 07/21/2020

Reviewed on 07/21/2020

Product Name: 1000 µg/mL Yttrium

(Contd. of page 2)

- *Conditions for safe storage, including any incompatibilities*
- *Storage:*
-

Safety Data Sheet
acc. to OSHA HCS

Printing date 07/21/2020

Reviewed on 07/21/2020

Product Name: 1000 µg/mL Yttrium

(Contd. of page 3)

Boiling point/Boiling range: 100 °C (212 °F)**Flash point:**

Safety Data Sheet
acc. to OSHA HCS

Printing date 07/21/2020

Reviewed on 07/21/2020

Product Name: 1000 µg/mL Yttrium

(Contd. of page 4)

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.
- **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.
- **Recommended cleansing agent:**

Safety Data Sheet
acc. to OSHA HCS

Printing date 07/21/2020

Reviewed on 07/21/2020

Product Name: 1000 µg/mL Yttrium

(Contd. of page 5)

| | |
|--|--|
| · 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: | |
| · 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 SOLUTION), 8, III |

15 Regulatory information

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

| | |
|--|---------------------------------------|
| · Section 313 (Specific toxic chemical listings): | 7697-37-2 nitric acid |
| · TSCA (Toxic Substances Control Act): | All components have the value ACTIVE. |
| · Hazardous Air Pollutants | None of the ingredients is listed. |
| · Proposition 65 | |
| · Chemicals known to cause cancer: | None of the ingredients is listed. |
| · Chemicals known to cause reproductive toxicity for females: | None of the ingredients is listed. |
| · Chemicals known to cause reproductive toxicity for males: | None of the ingredients is listed. |
| · Chemicals known to cause developmental toxicity: | None of the ingredients is listed. |
| · Carcinogenic categories | |
| · EPA (Environmental Protection Agency) | None of the ingredients is listed. |
| · TLV (Threshold Limit Value established by ACGIH) | None of the ingredients is listed. |

o tz12989(DICSH164(1)N160p813383(0)0836(d)0712142(0338S)2)6ml 2989(1)8.4407(0)98802898(t)-58.30@y ftute Lu3(n)2.6962() #s ty 4.22046(t)-t

Safety Data Sheet
acc. to OSHA HCS

Printing date 07/21/2020