

**Identification**

- Product name
- Product number
- Part number  
 CLT19-2M  
 CLT19-2Y
- Application of substance, e.g. Certified Reference Material
- Data source, supplier of substance  
 American Chemical Society  
 SPEX CertiPrep, LLC.  
 203 Norcross Ave, Metuchen,  
 NJ 08840 USA
- Information part of product safety department
- Emergency phone number  
 Emergency Phone Number (24 hours)  
 CHEMTREC (800-424-9300)  
 Outside US: 703-527-3887

**Hazard identification**

• Classification of substance, e.g. The product is not classified, according to the Globally Harmonized System (GHS).

- Acute toxicity
- GHS acute toxicity Not Regulated
- Hazardous to the environment Not Regulated
- Environmental Not Regulated
- Hazardous to the environment Not Regulated
- Classification of substance
- Flammability



- Hazardous to the environment
- Health hazard  
 HEALTH 0 Health = 0
- Fire hazard  
 FIRE 0 Fire = 0
- Reactivity hazard  
 REACTIVITY 0 Reactivity = 0

- Transport
- Substances of Very High Concern
- Not applicable.
- Very High Concern

**Composition information**

- Characterization, e.g.
- Description Mixture of the substances listed below with nonhazardous additions.
- Dangerous to the environment Not Regulated

• Composition of substance preparation		
7732-18-5	water, distilled, conductivity or of similar purity	99.6%
16962-40-6	Ammonium hexafluorotitanate	0.4%

**First aid measures**

- Description of first aid measures
- General information

Product name

(Contd. of page 1)

In addition, at attention special treatment No further relevant information available.

Fire fighting measures

- Extinguishers: Use fire fighting measures that suit the environment.
- Suitable extinguishers: Use fire fighting measures that suit the environment.
- Primary and secondary fire extinguishers: No further relevant information available.
- Advice for firefighters: No special measures required.

Accidental release measures

- Personal protective equipment: Not required.
- Environmental protection: Dilute with plenty of water.
- Absorbent material for containment and clean up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- 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.
- Reference to other sections: See Section 13 for disposal information.

AC. None of the ingredients is listed.

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Material Data Sheet  
for HA HC

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Identification

(Contd. of page 2)

- Breakthrough time of protective gloves  
The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection: Goggles recommended during refilling.

Physical and chemical properties

• Information on hazardous properties	• General information
• Appearance	• Liquid
• For	• According to product specification
• Color	• Characteristic
• Odor	• Not applicable.
• Physical state	• Not applicable.
• pH value	• Not applicable.
• Critical temperature	• Undetermined.
• Critical pressure	• 100 °C (212 °F)
• Boiling point	• Not applicable.
• Flash point	• Not applicable.
• Autoignition temperature	• Not applicable.
• Decomposition temperature	• Not applicable.
• Explosive limits	• Not applicable.
• Vapor pressure	• Not applicable.
• Vapor density	• 23 hPa (17.3 mm Hg)
• Density	• 1.00353 g/cm <sup>3</sup> (8.37446 lbs/gal)
• Solubility	• Not applicable.
• Evaporation rate	• Not applicable.
• Miscibility	• Fully miscible.
• Reactivity with water	• Not applicable.
• Stability	• Not applicable.
• Decomposition	• Not applicable.
• Volatile content	• 99.6 %
• Carbon content	• 0.00 %
• Oxygen content	• 0.0 %
• Further information	• No further relevant information available.

Stability and reactivity

- Stability: No further relevant information available.
- Chemical stability
- Reactivity with oxidizing agents: No decomposition if used according to specifications.
- Hazardous reactions: No dangerous reactions known.
- Compatibility with oxidizing agents: No further relevant information available.
- Incompatibility with acids: No further relevant information available.
- Hazardous decomposition products: No dangerous decomposition products known.

Ecotoxicological information

- Information on ecotoxicity
- Acute toxicity
- Irritant effect
- Sensitization: No irritant effect.

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· *on t* No irritating effect.

· *ns, t at on* No sensitizing effects known.

· *A . t on a to . o o . a n or at on*

The product is not subject to classification according to internally approved calculation methods for preparations:  
When used and handled according to specifications,

