

Classified According to OSHA Hazard Communication Standard (HCS)

SECTION 1: Identification

1.1. Product Identifier

Trade Name or Designation:

tion: VeriSpec® Multi-Element Standard 4 100 ppm: Mo, Sb, Sn, Ti Product Number: RV010675

Other Identifying Product Numbers: RV010675-100N

1.2. Recommended Use and Restrictions on Use

Calibration Standard

1.3. Details of the Supplier of the Safety Data Sheet

Company: Ricca Chemical Company Address: 448 West Fork Drive

Arlington, TX 76012 USA

Telephone: 888-467-4222

1.4. Emergency Telephone Number (24 hours)

CHEMTREC (USA) CHEMTREC (International) 800-424-9300 1+ 703-527-3887

Safety Data Sheet

SECTION 2: Hazard(s) Identification

2.1. Classification of the Substance or Mixture

For the full text of the Hazard and Precautionary Statements listed below, see Section 16.

| | | Hazard | |
|--|------------|------------|--|
| Hazard Class | Category | Statements | Precautionary Statements: |
| Acute Toxicity - Oral | Category 4 | H302 | P264, P270, P301+P312, P330, P501 |
| Acute Toxicity - Inhalation | Category 3 | H331 | P261, P271, P304+P340, P311, P321, |
| | | | P403+P233, P405, P501 |
| Skin Corrosion / Irritation | Category 1 | H314 | P260, P264, P280, P301+P330+P331, |
| | | | P303+P361+P353, P363, P304+P340, P310, |
| | | | P321, P305+P351+P338, P405, P501 |
| Eye Damage / Irritation | Category 2 | H319 | P264, P280, P305+P351+P338, P337+P313 |
| Hazardous to the Aquatic Environment (Acute) | Category 3 | H402 | P273, P501 |
| Hazardous to the Aquatic Environment (Chronic) | Category 3 | H412 | P273, P501 |

2.2. GHS Label Elements

Pictograms:



Signal Word: Danger

Hazard Statements:

| Hazard Number | Hazard Statement |
|---------------|--|
| H302 | Harmful if swallowed. |
| H314 | Causes severe skin burns and eye damage. |
| H319 | Causes serious eye irritation. |
| H331 | Toxic if inhaled. |
| H402 | Harmful to aquatic life. |
| H412 | Harmful to aquatic life with long lasting effects. |

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Precautionary Statements:

| Precautionary Number | Precautionary Statement | |
|----------------------|--|--|
| P260 | Do not breathe fumes, mist, vapors, or spray. | |
| P261 | Avoid breathing fumes, mist, vapors, or spray. | |
| P264 | Wash arms, hands and face thoroughly after handling. | |
| P270 | Do not eat, drink or smoke when using this product. | |
| P271 | Use only outdoors or in a well-ventilated area. | |
| P273 | Avoid release to the environment. | |
| P280 | Wear protective gloves and eye protection. | |
| P301+P312 | IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. | |
| 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. | |
| 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 or physician. | |
| P311 | Call a POISON CENTER or physician. | |
| P321 | Specific treatment (Wash areas of contact with water.). | |
| P330 | Rinse mouth. | |
| P337+P313 | If eye irritation persists: Get medical attention. | |
| P363 | Wash contaminated clothing before reuse. | |
| P403+P233 | Store in a well-ventilated place. Keep container tightly closed. | |
| P405 | Store locked up. | |
| P501 | Dispose of contents in accordance with local, state, federal and international regulations. | |

2.4. Hazards not Otherwise Classified or Covered by GHS

Data not available.

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SECTION 3: Composition / Information on Ingredients

3.1. Components of Substance or Mixture

| Chemical Name | Formula | Molecular Weight CA | S Number | Weight% |
|-----------------------------|----------------------|---------------------|-----------|---------|
| Water | H₂O | 18.01 g/mol 7 | 732-18-5 | 97.40 |
| Nitric Acid | HNO ₃ | 63.01 g/mol 7 | 697-37-2 | 2.00 |
| Hydrofluoric Acid | HF | 20.00 g/mol 7 | 664-39-3 | 0.50 |
| Ammonium Hexafluorotitanate | $(NH_4)_2 TiF_6$ | 197.93 g/mol 1 | 6962-40-6 | < 0.1 |
| Tin (IV) Fluoride | SnF₄ | 194.70 g/mol 7 | 783-62-2 | < 0.1 |
| Fluoroantimonic Acid | HSbF ₆ | 236.76 g/mol 1 | 6950-06-4 | < 0.1 |
| Molybdenum Pentafluoride | $MoF_{\mathfrak{s}}$ | 190.95 g/mol 1 | 3819-84-6 | < 0.1 |

SECTION 4: First-Aid Measures

4.1. General First Aid Information

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Skin Contact: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.

Ingestion: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

4.2. Most Important Symptoms and Effects, Acute and Delayed

Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye irritation. Toxic if inhaled.

4.3. Medical Attention or Special Treatment Needed

Immediately call a POISON CENTER or physician. Specific treatment (Wash areas of contact with water.).

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing Media

Not considered to be a fire or explosion hazard.

5.2. Specific Hazards Arising from the Substance or Mixture

Not considered to be a fire or explosion hazard.

5.3. Special Protective Equipment for Firefighters

Wear protective clothing and NIOSH-approved breathing equipment appropriate for the surrounding fire.



SECTION 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Wear protective gloves and eye protection.

6.2. Cleanup and Containment Methods and Materials

Absorb with suitable material and dispose of in accordance with local regulations.

SECTION 7: Handling and Storage

7.1. Precautions for Safe Handling and Storage Conditions

Store locked up.

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SECTION 8: Exposure Controls / Personal Protection

8.1 Control Parameters

| Chemical Name | Limit Type | Country | Exposure Limit | Information Source |
|-------------------------------------|------------|---------|---------------------------------------|---------------------------------------|
| Fluoroantimonic Acid (16950-06-4) | TWA | USA | "0.5 mg/m ³ TWA (as Sb)" | U.S OSHA - Final PELs - Time |
| | | | As Antimony compounds | Weighted Averages (TWAs) |
| | | | [RR-00585-6] | |
| Fluoroantimonic Acid (16950-06-4) | TLV-TWA | USA | "0.5 mg/m³ TWA (as Sb)" | ACGIH - Threshold Limit Values - Time |
| | | | As Antimony compounds [RR-00585-6] | Weighted Averages (TLV-TWA) |
| Fluoroantimonic Acid (16950-06-4) | TWA | USA | "0.5 mg/m³ TWA (as Sb)" | U.S OSHA - Final PELs - Time |
| | | | As Antimony compounds | Weighted Averages (TWAs) |
| | | | [RR-00585-6] | |
| Fluoroantimonic Acid (16950-06-4) | TLV-TWA | USA | "0.5 mg/m ³ TWA (as Sb)" | ACGIH - Threshold Limit Values - Time |
| | | | As Antimony compounds | Weighted Averages (TLV-TWA) |
| | | | [RR-00585-6] | |
| Fluoroantimonic Acid (16950-06-4) | TLV-TWA | USA | "0.5 mg/m ³ TWA (as Sb)" | ACGIH - Threshold Limit Values - Time |
| | | | As Antimony compounds | Weighted Averages (TLV-TWA) |
| | | | [RR-00585-6] | |
| Fluoroantimonic Acid (16950-06-4) | TWA | USA | "0.5 mg/m ³ TWA (as Sb)" | U.S OSHA - Final PELs - Time |
| | | | As Antimony compounds | Weighted Averages (TWAs) |
| | | | [RR-00585-6] | |
| Fluoroantimonic Acid (16950-06-4) | TWA | USA | 0.5 mg/m ³ TWA (as Sb) | U.S OSHA - Final PELs - Time |
| | | | | Weighted Averages (TWAs) |
| Fluoroantimonic Acid (16950-06-4) | TLV-TWA | USA | 0.5 mg/m ³ TWA (as Sb) | ACGIH - Threshold Limit Values - Time |
| | | | | Weighted Averages (TLV-TWA) |
| Ammonium Hexafluorotitanate (16962- | TLV-TWA | USA | "2.5 mg/m ³ TWA (as F)" As | ACGIH - Threshold Limit Values - Time |
| | | | Fluorides [RR-02792-9] | Weighted Averages (TLV-TWA) |
| Ammonium Hexafluorotitanate (16962- | TWA | USA | "2.5 mg/m ³ TWA (as F)" As | U.S OSHA - Final PELs - Time |
| | | | Fluorides [RR-02792-9] | Weighted Averages (TWAs) |
| Ammonium Hexafluorotitanate (16962- | TLV-TWA | USA | 2.5 mg/m ³ TWA (as F) | ACGIH - Threshold Limit Values - Time |
| | | | | Weighted Averages (TLV-TWA) |
| Ammonium Hexafluorotitanate (16962- | TWA | USA | 2.5 mg/m ³ TWA (as F) | U.S OSHA - Final PELs - Time |
| | | | | Weighted Averages (TWAs) |
| Hydrofluoric Acid (7664-39-3) | TWA | USA | "2.5 mg/m ³ TWA (as F)" As | U.S OSHA - Final PELs - Time |
| | | | Fluorides [RR-02792-9] | Weighted Averages (TWAs) |
| Hydrofluoric Acid (7664-39-3) | TLV-TWA | USA | "2.5 mg/m ³ TWA (as F)" As | ACGIH - Threshold Limit Values - Time |
| | | | Fluorides [RR-02792-9] | Weighted Averages (TLV-TWA) |

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| Hydrofluoric Acid (7664-39-3) | TLV-TWA | USA | 0.5 ppm TWA (as F) | ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA) |
|-------------------------------|-------------|-----|--|--|
| Hydrofluoric Acid (7664-39-3) | TWA | USA | 3 ppm TWA (as F) | U.S OSHA - Final PELs - Time Weighted Averages (TWAs) |
| Hydrofluoric Acid (7664-39-3) | TLV-Ceiling | USA | 2 ppm Ceiling (as F) | ACGIH - Threshold Limit Values - Ceilings (TLV-C) |
| Hydrofluoric Acid (7664-39-3) | TLV-TWA | USA | 2.5 mg/m³ TWA (as F) | ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA) |
| Hydrofluoric Acid (7664-39-3) | TWA | USA | 2.5 mg/m³ TWA (as F) | U.S OSHA - Final PELs - Time Weighted Averages (TWAs) |
| Nitric Acid (7697-37-2) | TWA | USA | 2 ppm TWA; 5 mg/m³ TWA | U.S OSHA - Final PELs - Time Weighted Averages (TWAs) |
| Nitric Acid (7697-37-2) | TLV-TWA | USA | 2 ppm TWA | ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA) |
| Nitric Acid (7697-37-2) | TLV-STEL | USA | 4 ppm STEL | ACGIH - Threshold Limit Values - Short Term Exposure Limits (TLV-STEL) |
| Tin (IV) Fluoride (7783-62-2) | TLV-TWA | USA | "2 mg/m ³ TWA (excluding tin hydride and indium tin oxide, inhalable particulate matter, as Sn)" As Tin inorganic compounds [RR-00043-1] | ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA) |
| Tin (IV) Fluoride (7783-62-2) | TWA | USA | "2 mg/m ³ TWA (except oxides, as Sn)" As Tin, inorganic compounds [RR-00043-1] | U.S OSHA - Final PELs - Time Weighted Averages (TWAs) |
| Tin (IV) Fluoride (7783-62-2) | TLV-TWA | USA | 2 mg/m ³ TWA (excluding tin hydride and indium tin oxide, inhalable particulate matter, as Sn) | ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA) |
| Tin (IV) Fluoride (7783-62-2) | TWA | USA | 2 mg/m ³ TWA (except oxides, as Sn) | U.S OSHA - Final PELs - Time Weighted Averages (TWAs) |
| Tin (IV) Fluoride (7783-62-2) | TWA | USA | "2 mg/m ³ TWA (except oxides, as Sn)" As Tin, inorganic compounds [RR-00043-1] | U.S OSHA - Final PELs - Time Weighted Averages (TWAs) |

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| Tin (IV) Fluoride (7783-62-2) | TLV-TWA | USA | "2 mg/m ³ TWA (excluding | ACGIH - Threshold Limit Values - Time |
|-------------------------------|---------|-----|-------------------------------------|---------------------------------------|
| | | | tin hydride and indium tin | Weighted Averages (TLV-TWA) |
| | | | oxide, inhalable particulate | |
| | | | matter, as Sn)" As Tin | |
| | | | inorganic compounds | |
| | | | [RR-00043-1] | |

8.2. Exposure Controls

Engineering Controls: Use only outdoors or in a well-ventilated area.

Respiratory Protection: No specific controls are needed. Normal room ventilation is adequate.

Skin Protection: Wear protective gloves and eye protection.

Eye Protection: Wear protective gloves and eye protection.

8.3. Personal Protective Equipment

Wear protective gloves and eye protection.

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SECTION 9: Physical and Chemical Properties

9.1. Basic Physical and Chemical Properties

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Appearance: Data not available.
                  Physical State: Liquid
                            Odor: Data not available.
                Odor Threshold: Data not available.
                               pH: Data not available.
        Melting/Freezing Point: Data not available.
    Initial Boiling Point/Range: Data not available.
                     Flash Point: Data not available.
              Evaporation Rate: Data not available.
                   Flammability: Data not available.
Flammability/Explosive Limits: Data not available.
                Vapor Pressure: Data not available.
                  Vapor Density: Data not available.
               Relative Density: 1.03
                       Solubility: Data not available.
           Partition Coefficient: Data not available.
    Auto-Ignition Temperature: Data not available.
 Decomposition Temperature: Data not available.
                        Viscosity: Data not available.
          Explosive Properties: Data not available.
           Oxidizing Properties: Data not available.
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SECTION 10: Stability and Reactivity

10.1. Reactivity and Chemical Stability

Stable under normal conditions of use and storage.

10.2. Possibility of Hazardous Reactions

Data not available.

10.3. Conditions to Avoid and Incompatible Materials

Protect from freezing and physical damage.

10.4. Hazardous Decomposition Products

May emit irritating fumes when heated to decomposition.

Product Number: RV010675

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SECTION 11: Toxicological Information

11.1. Information on Toxicological Effects

Acute Toxicity - Oral Exposure:

Harmful if swallowed. Wash arms, hands and face thoroughly after handling. Do not eat, drink or smoke when using this product. IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. Rinse mouth. Dispose of contents in accordance with local, state, federal and international regulations.

Acute Toxicity - Dermal Exposure:

Not applicable.

Acute Toxicity - Inhalation Exposure:

Toxic if inhaled. Avoid breathing fumes, mist, vapors, or spray. Use only outdoors or in a well-ventilated area. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician. Specific treatment (Wash areas of contact with water.). Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents in accordance with local, state, federal and international regulations.

Acute Toxicity - Other Information:

Data not available.

Skin Corrosion and Irritation:

Causes severe skin burns and eye damage. Do not breathe fumes, mist, vapors, or spray. Wash arms, hands and face thoroughly after handling. Wear protective gloves and eye protection. IF SWALLOWED: rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. Wash contaminated clothing before reuse. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or physician. Specific treatment (Wash areas of contact with water.). IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Dispose of contents in accordance with local, state, federal and international regulations.

Serious Eye Damage and Irritation:

Causes serious eye irritation. Wash arms, hands and face thoroughly after handling. Wear protective gloves and eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Respiratory Sensitization:

Not applicable.

Skin Sensitization: Not applicable.

Germ Cell Mutagenicity:

Not applicable.

Carcinogenicity: Not applicable.

Reproductive Toxicity:

Not applicable.



Specific Target Organ Toxicity from Single Exposure:

Not applicable.

Specific Target Organ Toxicity from Repeated Exposure:

Not applicable.

Aspiration Hazard:

Not applicable.

Additional Toxicology Information:

Data not available.

SECTION 12: Ecological Information

12.1. Ecotoxicity

Harmful to aquatic life. Avoid release to the environment. Dispose of contents in accordance with local, state, federal and international regulations. Harmful to aquatic life with long lasting effects. Avoid release to the environment. Dispose of contents in accordance with local, state, federal and international regulations.

12.2. Persistence and Degradability

Data not available.

12.3. Bioaccumulative Potential

Data not available.

12.4. Mobility in Soil

Data not available.

12.5. Other Adverse Ecological Effects

Data not available.

SECTION 13: Disposal Considerations

13.1. Waste Treatment Methods

Data not available.



SECTION 14: Transportation Information

14.1. Transportation by Land-Department of Transportation (DOT, United States of America)

Not regulated according to DOT Regulations.

14.2. Transportation by Air - International Air Transport Association (IATA)

Not regulated according to IATA Dangerous Goods Regulations.

14.3 Transportation of Dangerous Goods (TDG, Canada)

Not regulated according to TDG Regulations.

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SECTION 15: Regulatory Information

15.1. Occupational Safety and Health Administration (OSHA) Hazards

Not listed.

15.2. Superfund Amendments and Reauthorization Act (SARA) 302 Extremely Hazardous Substances

Hydrofluoric Acid (CAS # 7664-39-3): 100 lb EPCRA RQ Hydrofluoric Acid (CAS # 7664-39-3): 100 lb TPQ Nitric Acid (CAS # 7697-37-2): 1000 lb EPCRA RQ Nitric Acid (CAS # 7697-37-2): 1000 lb TPQ

15.3. Superfund Amendments and Reauthorization Act (SARA) 311/312 Hazardous Chemicals

Hydrofluoric Acid (CAS # 7664-39-3): 100 lb final RQ; 45.4 kg final RQ Nitric Acid (CAS # 7697-37-2): 1000 lb final RQ; 454 kg final RQ

15.4. Superfund Amendments and Reauthorization Act (SARA) 313 Toxic Release Inventory (TRI)

Fluoroantimonic Acid (CAS # 16950-06-4): "1.0 % de minimis concentration (includes any unique chemical substance that contains Antimony as part of that chemical's infrastructure, listed under Chemical Category N010)" As Antimony compounds [RR-00585-6]

Fluoroantimonic Acid (CAS # 16950-06-4): 1.0 % de minimis concentration (includes any unique chemical substance that contains Antimony as part of that chemical's infrastructure, listed under Chemical Category N010)

Ammonium Hexafluorotitanate (CAS # 16962-40-6): "1.0 % de minimis concentration (10% of total aqueous Ammonia is reportable under this listing)" As Aqueous ammonia from water dissociable ammonium salts and other sources [RR-47925-4]

Ammonium Hexafluorotitanate (CAS # 16962-40-6): 1.0 % de minimis concentration (10% of total aqueous Ammonia is reportable under this listing) Hydrofluoric Acid (CAS # 7664-39-3): 1.0 % de minimis concentration

Nitric Acid (CAS # 7697-37-2): 1.0 % de minimis concentration

15.5. Massachusetts Right-to-Know Substance List

Hydrofluoric Acid (CAS # 7664-39-3): Extraordinarily hazardous Nitric Acid (CAS # 7697-37-2): Extraordinarily hazardous

15.6. Pennsylvania Right-to-Know Hazardous Substances

Fluoroantimonic Acid (CAS # 16950-06-4): "Environmental hazard" As Antimony compounds [RR-00585-6] Fluoroantimonic Acid (CAS # 16950-06-4): "Present" As Antimony compounds [RR-00585-6] Fluoroantimonic Acid (CAS # 16950-06-4): Environmental hazard Fluoroantimonic Acid (CAS # 16950-06-4): Present Hydrofluoric Acid (CAS # 7664-39-3): Environmental hazard Hydrofluoric Acid (CAS # 7664-39-3): Present Nitric Acid (CAS # 7697-37-2): Environmental hazard Nitric Acid (CAS # 7697-37-2): Environmental hazard Nitric Acid (CAS # 7697-37-2): Present Water (CAS # 7732-18-5): "Present" As Ethyl alcohol and water [RR-00802-6] Water (CAS # 7732-18-5): Present



15.7. New Jersey Worker and Community Right-to-Know Components

Fluoroantimonic Acid (CAS # 16950-06-4): "SN 2223 500 lb TPQ (Category Code N010. Includes any unique chemical substance that contains the named metal as part of that chemical structure)" As Antimony compounds [RR-00585-6] Fluoroantimonic Acid (CAS # 16950-06-4): "sn 2223" As Antimony compounds [RR-00585-6] Fluoroantimonic Acid (CAS # 16950-06-4): sn 2223 Fluoroantimonic Acid (CAS # 16950-06-4): SN 2223 500 lb TPQ (Category Code N010. Includes any unique chemical substance that contains the named metal as part of that chemical structure) Ammonium Hexafluorotitanate (CAS # 16962-40-6): "sn 0936" As Fluorides [RR-02792-9] Ammonium Hexafluorotitanate (CAS # 16962-40-6): sn 0936 Hydrofluoric Acid (CAS # 7664-39-3): "sn 0936" As Fluorides [RR-02792-9] Hydrofluoric Acid (CAS # 7664-39-3): corrosive Hydrofluoric Acid (CAS # 7664-39-3): sn 0936 Hydrofluoric Acid (CAS # 7664-39-3): sn 3759 Hydrofluoric Acid (CAS # 7664-39-3): SN 3759 100 lb TPQ; SN 1014 100 lb TPQ Nitric Acid (CAS # 7697-37-2): corrosive; reactive - second degree Nitric Acid (CAS # 7697-37-2): sn 1356 Nitric Acid (CAS # 7697-37-2): SN 1356 500 lb TPQ Nitric Acid (CAS # 7697-37-2): sn 3722 Nitric Acid (CAS # 7697-37-2): SN 3722 500 lb TPQ (water dissociable, Category Code N511)

15.8. California Proposition 65

Not listed.

15.9. Canada Domestic Substances List / Non-Domestic Substances List (DSL/NDSL)

Fluoroantimonic Acid (CAS # 16950-06-4): Present (NDSL) Ammonium Hexafluorotitanate (CAS # 16962-40-6): Present (NDSL) Hydrofluoric Acid (CAS # 7664-39-3): Present (DSL) Nitric Acid (CAS # 7697-37-2): Present (DSL) Water (CAS # 7732-18-5): Present (DSL)

15.10. United States of America Toxic Substances Control Act (TSCA) List

All components of this solution are listed as active on the TSCA Inventory or are mixtures (hydrates) of active items listed on the TSCA Inventory.

Fluoroantimonic Acid (CAS # 16950-06-4): Present (ACTIVE) Ammonium Hexafluorotitanate (CAS # 16962-40-6): Present (ACTIVE) Hydrofluoric Acid (CAS # 7664-39-3): Present (ACTIVE) Nitric Acid (CAS # 7697-37-2): Present (ACTIVE) Water (CAS # 7732-18-5): Present (ACTIVE)



15.11. European Inventory of Existing Commercial Chemical Substances (EINECS), European List of Notified Chemical Substances (ELINCS), and No Longer Polymers (NLP)

Fluoroantimonic Acid (CAS # 16950-06-4): 241-023-8 Ammonium Hexafluorotitanate (CAS # 16962-40-6): 241-036-9 Hydrofluoric Acid (CAS # 7664-39-3): 231-634-8 Nitric Acid (CAS # 7697-37-2): 231-714-2 Water (CAS # 7732-18-5): 231-791-2 Tin (IV) Fluoride (CAS # 7783-62-2): 232-016-0

SECTION 16: Other Information

16.1. Full Text of Hazard Statements and Precautionary Statements

Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye irritation. Toxic if inhaled. Harmful to aquatic life with long lasting effects.

Do not breathe fumes, mist, vapors, or spray. Wash arms, hands and face thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves and eye protection.

IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. 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 or physician. Specific treatment (Wash areas of contact with water.). If eye irritation persists: Get medical attention. Wash contaminated clothing before reuse.

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Dispose of contents in accordance with local, state, federal and international regulations.

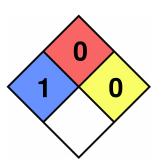
16.2. Miscellaneous Hazard Classes

Canadian Carcinogenicity Hazard Class: Not Applicable. Physical Hazards Not Otherwise Classified (PHNOC): Not Applicable. Health Hazards Not Otherwise Classified (HHNOC): Not Applicable. Biohazardous Infectious Materials Hazard Class: Not Applicable.



16.3. National Fire Protection Association (NFPA) Rating

Health:1Flammability:0Reactivity:0Special Hazard:



16.4. Document Revision

Last Revision Date: 2023-11-13

DISCLAIMER

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition of other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied, is made and RICCA CHEMICAL COMPANY assumes no legal responsibility or liability whatsoever resulting from its use.