

# **SECTION 1: Identification**

# **1.1. Product Identifier**

Trade Name or Designation: VeriSpec® QC Standard 9

50 ppm: Al, As, Co, Cr, Cu, K, Na, P, Pb , Manufactured and Tested in an ISO 17025/Guide 34 Facility

Product Number: RV010697

Other Identifying Product Numbers: RV010697-100N, RV010697-500N

# 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 hr)

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

# SECTION 2: Hazard(s) Identification

# 2.1. Classification of the Substance or Mixture (in accordance with OSHA HCS 29 CFR 1910.1200)

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

	Hazard		
Hazard Class	Category	Statement	Precautionary Statements
Skin Corrosion / Irritation	Category 1A	H314	P260, P264, P280, P301+P330+P331,
			P303+P361+P353, P363, P304+P340, P310,
			P321, P305+P351+P338, P405, P501
Corrosive to Metals	Category 1	H290	P234, P390, P406
Hazardous to the Aquatic Environment (Acute)	Category 3	H402	P273, P501

# 2.2. GHS Label Elements

**Pictograms:** 



# **Safety Data Sheet**

# Signal Word: Danger

#### Hazard Statements:

Hazard Number	Hazard Statement
H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H402	Harmful to aquatic life.

#### **Precautionary Statements:**

Precautionary Number	Precautionary Statement
P234	Keep only in original container.
P260	Do not breathe fumes, mist, vapors, or spray.
P264	Wash arms, hands and face thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye 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.
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.
P321	Specific treatment (Wash areas of contact with water immediately).
P363	Wash contaminated clothing before reuse.
P390	Absorb spillage to prevent material damage.
P405	Store locked up.
P406	Store in corrosive resistant container with a resistant inner liner.
P501	Dispose of contents in accordance with local, state, federal and international regulations.

# 2.3. WHMIS Classification

WHMIS classification is not included based on the recommended option (Option 4) found in the Canada Gazette Part II, Vol. 149, No.3, page 458

# 2.4. Hazards not Otherwise Classified or Covered by GHS

Data not available.

# Safety Data Sheet

# **SECTION 3: Composition / Information on Ingredients**

# 3.1. Components of Substance or Mixture

Chemical Name	Formula	Molecular Weight	CAS Number	Weight%
Nitric Acid	HNO <sub>3</sub>	63.01 g/mol	7697-37-2	5.00%
Aluminum Nitrate	AI(NO <sub>3</sub> ) <sub>3</sub>	212.99 g/mol	13473-90-0	0.07%
Sodium Nitrate	NaNO <sub>3</sub>	84.99 g/mol	7631-99-4	0.02%
Chromium (III) Nitrate	Cr(NO <sub>3</sub> ) <sub>3</sub>	238.01 g/mol	13548-38-4	0.02%
Cobalt (II) Nitrate	Co(NO <sub>3</sub> ) <sub>2</sub>	182.94 g/mol	10141-05-6	0.02%
Potassium Nitrate	KNO <sub>3</sub>	101.10 g/mol	7757-79-1	0.01%
Cupric Nitrate	Cu(NO <sub>3</sub> ) <sub>2</sub> ·xH <sub>2</sub> O	251.10 g/mol	3251-23-8	0.01%
Arsenic Acid	H₃AsO₄	141.94 g/mol	7778-39-4	0.01%
Lead Nitrate	Pb(NO <sub>3</sub> ) <sub>2</sub>	331.20 g/mol	10099-74-8	0.01%
Phenol	C₅H₅OH	94.11 g/mol	108-95-2	0.01%

# **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

May cause mild irritation to areas of contact.

# 4.3. Medical Attention or Special Treatment Needed

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

# **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 in corrosive resistant container with a resistant inner liner.

# **Safety Data Sheet**

# **SECTION 8: Exposure Controls / Personal Protection**

## 8.1. Control Parameters

Chemical Name	Limit Type	Country	Exposure Limit	Information Source
Arsenic Acid (7778-39-4)	TWA	USA	10 µg/m³ TWA (as As)	U.S OSHA - Final PELs - Time
				Weighted Averages (TWAs)
Arsenic Acid (7778-39-4)	TLV-TWA	USA	0.01 mg/m³ TWA (as As)	ACGIH - Threshold Limit Values - Time
				Weighted Averages (TLV-TWA)
Arsenic Acid (7778-39-4)	PEL	USA	10 µg/m³ TWA (Cancer hazard, See 29 U.S OSHA - Specifically Regulated	
			CFR 1910.1018, except Arsine, as As) Chemicals with PELs	
			5 μg/m³ Action Level (as As)	
Chromium (III) Nitrate	TWA	USA	0.5 mg/m³ TWA (as Cr)	U.S OSHA - Final PELs - Time
(13548-38-4)				Weighted Averages (TWAs)
Chromium (III) Nitrate	TLV-TWA	USA	0.5 mg/m³ TWA (as Cr)	ACGIH - Threshold Limit Values - Time
(13548-38-4)				Weighted Averages (TLV-TWA)
Cobalt (II) Nitrate (10141-05-6)	TLV-TWA	USA	0.02 mg/m <sup>3</sup> TWA (as Co)	ACGIH - Threshold Limit Values - Time
				Weighted Averages (TLV-TWA)
Cupric Nitrate (3251-23-8)	TLV-TWA	USA	1 mg/m <sup>3</sup> TWA (dust and mist, as Cu)	ACGIH - Threshold Limit Values - Time
				Weighted Averages (TLV-TWA)
Lead Nitrate (10099-74-8)	TWA	USA	50 μg/m³ TWA (as Pb)	U.S OSHA - Final PELs - Time
				Weighted Averages (TWAs)
Lead Nitrate (10099-74-8)	TLV-TWA	USA	0.05 mg/m³ TWA (as Pb)	ACGIH - Threshold Limit Values - Time
				Weighted Averages (TLV-TWA)
Lead Nitrate (10099-74-8)	PEL	USA	30 µg/m <sup>3</sup> Action Level (Poison, See 29	U.S OSHA - Specifically Regulated
			CFR 1910.1025, as Pb)	Chemicals with PELs
			50 μg/m³ TWA (as Pb)	
Nitric Acid (7697-37-2)	TWA	USA	2 ppm TWA	U.S OSHA - Final PELs - Time
			5 mg/m³ TWA	Weighted Averages (TWAs)
Nitric Acid (7697-37-2)	TLV-STEL	USA	4 ppm STEL	ACGIH - Threshold Limit Values - Short
				Term Exposure Limits (TLV-STEL)
Nitric Acid (7697-37-2)	TLV-TWA	USA	2 ppm TWA	ACGIH - Threshold Limit Values - Time
				Weighted Averages (TLV-TWA)
Phenol (108-95-2)	TWA	USA	5 ppm TWA	U.S OSHA - Final PELs - Time
			19 mg/m³ TWA	Weighted Averages (TWAs)
Phenol (108-95-2)	TLV-TWA	USA	5 ppm TWA	ACGIH - Threshold Limit Values - Time
				Weighted Averages (TLV-TWA)

# 8.2. Exposure Controls

Engineering Controls: No specific controls are needed. Normal room ventilation is adequate.

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.

# **SECTION 9: Physical and Chemical Properties**

#### 9.1. Basic Physical and Chemical Properties

Appearance:	Data not available.
Physical State:	
•	
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:	1.07
Solubility:	Data not available.
Partition Coefficient (n-Octanol/Water):	Data not available.
Auto-Ignition Temperature:	Data not available.
Decomposition Temperature:	Data not available.
Viscosity:	Data not available.
ExplosiveProperties:	Data not available.
Oxidizing Properties:	Data not available.

# **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

Keep only in original container.

#### **10.4. Hazardous Decomposition Products**

May emit irritating fumes when heated to decomposition.

# **SECTION 11: Toxicological Information**

#### 11.1. Information on Toxicological Effects

#### Acute Toxicity - Oral Exposure:

Not applicable.

#### Acute Toxicity - Dermal Exposure:

Not applicable.

#### Acute Toxicity - Inhalation Exposure:

Not applicable.

#### 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 immediately). 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:

Not applicable.

#### **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.

#### 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)

Sizes: 100 mL, 500 mL UN Number: UN3264 Proper Shipping Name: Corrosive Liquid, Acidic, Inorganic, n.o.s. (Nitric Acid) Hazard Class: 8 Packing Group: II Hazard Placard Labels:



Sizes: UN Number: Proper Shipping Name: Hazard Class: Packing Group: Hazard Placard Labels:

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

Sizes:	100 mL, 500 mL
UN Number:	UN3264
Proper Shipping Name:	Corrosive Liquid, Acidic, Inorganic, n.o.s. (Nitric Acid)
Hazard Class:	8
Packing Group:	II
Hazard Placard Labels:	CORROSIVE

# **SECTION 15: Regulatory Information**

#### 15.1. Occupational Safety and Health Administration (OSHA) Hazards

Lead Nitrate (CAS # 10099-74-8): 30 µg/m3 Action Level (See 29 CFR 1910.1025, as Pb); 50 µg/m3 TWA (See 29 CFR 1910.1025, as Pb) Arsenic Acid (CAS # 7778-39-4): 10 µg/m3 TWA (See 29 CFR 1910.1018, except Arsine, as As); 5 µg/m3 Action Level (See 29 CFR 1910.1018, except Arsine, as As)

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

Phenol (CAS # 108-95-2): 1000 lb EPCRA RQ Phenol (CAS # 108-95-2): 500 lb lower TPQ; 10000 lb upper 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

Lead Nitrate (CAS # 10099-74-8): 10 lb final RQ; 4.54 kg final RQ Phenol (CAS # 108-95-2): 1000 lb final RQ; 454 kg final RQ Cupric Nitrate (CAS # 3251-23-8): 100 lb final RQ; 45.4 kg final RQ Nitric Acid (CAS # 7697-37-2): 1000 lb final RQ; 454 kg final RQ Arsenic Acid (CAS # 7778-39-4): 1 lb final RQ; 0.454 kg final RQ

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

Lead Nitrate (CAS # 10099-74-8): 0.1 % Supplier notification limit (listed under Chemical Category N420)

Lead Nitrate (CAS # 10099-74-8): 1.0 % de minimis concentration (reportable only when in aqueous solution, Chemical Category N511) Lead Nitrate (CAS # 10099-74-8): 100 lb RT

Cobalt (II) Nitrate (CAS # 10141-05-6): 0.1 % de minimis concentration (listed under Chemical Category N096)

Phenol (CAS # 108-95-2): 1.0 % de minimis concentration

Chromium (III) Nitrate (CAS # 13548-38-4): 1.0 % de minimis concentration (except for Chromite ore mined in the Transvaal Region of South Africa and the unreacted ore component of the Chromite ore processing residue (COPR), Chemical Category N090)

Cupric Nitrate (CAS # 3251-23-8): 1.0 % de minimis concentration (This category does not include CAS numbers 147-14-8, 1328-53-6, or 14302-13-7, or copper phthalocyanine compounds that are substituted with only hydrogen and/or chlorine and/or bromine., listed under Chemical Category N100)

Sodium Nitrate (CAS # 7631-99-4): 1.0 % de minimis concentration (reportable only when in aqueous solution, Chemical Category N511) Nitric Acid (CAS # 7697-37-2): 1.0 % de minimis concentration

Potassium Nitrate (CAS # 7757-79-1): 1.0 % de minimis concentration (reportable only when in aqueous solution, Chemical Category N511) Arsenic Acid (CAS # 7778-39-4): 0.1 % de minimis concentration (listed under Chemical Category N020)

# 15.5. Massachusetts Right-to-Know Substance List

Lead Nitrate (CAS # 10099-74-8): Present Cobalt (II) Nitrate (CAS # 10141-05-6): Present Phenol (CAS # 108-95-2): Extraordinarily hazardous Cupric Nitrate (CAS # 3251-23-8): Present Sodium Nitrate (CAS # 7631-99-4): Present Nitric Acid (CAS # 7697-37-2): Extraordinarily hazardous Potassium Nitrate (CAS # 7757-79-1): Present Arsenic Acid (CAS # 7778-39-4): Present

# 15.6. Pennsylvania Right-to-Know Hazardous Substances

Lead Nitrate (CAS # 10099-74-8): Environmental hazard Lead Nitrate (CAS # 10099-74-8): Present Cobalt (II) Nitrate (CAS # 10141-05-6): Environmental hazard Cobalt (II) Nitrate (CAS # 10141-05-6): Present Phenol (CAS # 108-95-2): Environmental hazard Phenol (CAS # 108-95-2): Present Chromium (III) Nitrate (CAS # 13548-38-4): Environmental hazard Chromium (III) Nitrate (CAS # 13548-38-4): Present Cupric Nitrate (CAS # 3251-23-8): Environmental hazard Cupric Nitrate (CAS # 3251-23-8): Present Sodium Nitrate (CAS # 7631-99-4): Present Nitric Acid (CAS # 7697-37-2): Environmental hazard Nitric Acid (CAS # 7697-37-2): Present Potassium Nitrate (CAS # 7757-79-1): Present Arsenic Acid (CAS # 7778-39-4): Environmental hazard Arsenic Acid (CAS # 7778-39-4): Present



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

Lead Nitrate (CAS # 10099-74-8): carcinogen Lead Nitrate (CAS # 10099-74-8): carcinogen; teratogen Lead Nitrate (CAS # 10099-74-8): sn 1108 Lead Nitrate (CAS # 10099-74-8): sn 2266 Lead Nitrate (CAS # 10099-74-8): SN 2266 500 lb TPQ (Category Code N420. Includes any unique chemical substance that contains the named metal as part of that chemical structure) Lead Nitrate (CAS # 10099-74-8): sn 3722 Lead Nitrate (CAS # 10099-74-8): SN 3722 500 lb TPQ (water dissociable, Category Code N511) Cobalt (II) Nitrate (CAS # 10141-05-6): carcinogen Cobalt (II) Nitrate (CAS # 10141-05-6): sn 2222 Cobalt (II) Nitrate (CAS # 10141-05-6): SN 2222 500 lb TPQ (Category Code N096) Cobalt (II) Nitrate (CAS # 10141-05-6): sn 3722 Cobalt (II) Nitrate (CAS # 10141-05-6): SN 3722 500 lb TPQ (water dissociable, Category Code N511) Phenol (CAS # 108-95-2): mutagen Phenol (CAS # 108-95-2): sn 1487 Phenol (CAS # 108-95-2): SN 1487 500 lb TPQ Aluminum Nitrate (CAS # 13473-90-0): sn 0061 Aluminum Nitrate (CAS # 13473-90-0): sn 3722 Aluminum Nitrate (CAS # 13473-90-0): SN 3722 500 lb TPQ (water dissociable, Category Code N511) Chromium (III) Nitrate (CAS # 13548-38-4): sn 0435 Chromium (III) Nitrate (CAS # 13548-38-4): sn 2245 Chromium (III) Nitrate (CAS # 13548-38-4): SN 2245 500 lb TPQ (Category Code N090) Chromium (III) Nitrate (CAS # 13548-38-4): sn 2870 Chromium (III) Nitrate (CAS # 13548-38-4): sn 3722 Chromium (III) Nitrate (CAS # 13548-38-4): SN 3722 500 lb TPQ (water dissociable, Category Code N511) Cupric Nitrate (CAS # 3251-23-8): sn 0547 Cupric Nitrate (CAS # 3251-23-8): sn 2215 Cupric Nitrate (CAS # 3251-23-8): SN 2215 500 lb TPQ (except C.I. Pigment Blue 15, C.I. Pigment Green 7, and C.I. Pigment Green 36, Category Code N100) Cupric Nitrate (CAS # 3251-23-8): sn 3722 Cupric Nitrate (CAS # 3251-23-8): SN 3722 500 lb TPQ (water dissociable, Category Code N511) Sodium Nitrate (CAS # 7631-99-4): sn 3722 Sodium Nitrate (CAS # 7631-99-4): SN 3722 500 lb TPQ (water dissociable, Category C

# 15.8. California Proposition 65

Lead Nitrate (CAS # 10099-74-8): carcinogen, 10/1/1992 Arsenic Acid (CAS # 7778-39-4): 0.06 µg/day NSRL (inhalation, listed under Arsenic); 10 µg/day NSRL (except inhalation, listed under Arsenic) Arsenic Acid (CAS # 7778-39-4): carcinogen, 2/27/1987



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

Lead Nitrate (CAS # 10099-74-8): Present (DSL) Cobalt (II) Nitrate (CAS # 10141-05-6): Present (DSL) Phenol (CAS # 108-95-2): Present (DSL) Aluminum Nitrate (CAS # 13473-90-0): Present (DSL) Chromium (III) Nitrate (CAS # 13548-38-4): Present (DSL) Cupric Nitrate (CAS # 3251-23-8): Present (DSL) Sodium Nitrate (CAS # 7631-99-4): Present (DSL) Nitric Acid (CAS # 7697-37-2): Present (DSL) Potassium Nitrate (CAS # 7757-79-1): Present (DSL) Arsenic Acid (CAS # 7778-39-4): Present (DSL)

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

Lead Nitrate (CAS # 10099-74-8): Present Cobalt (II) Nitrate (CAS # 10141-05-6): Present Phenol (CAS # 108-95-2): Present Aluminum Nitrate (CAS # 13473-90-0): Present Chromium (III) Nitrate (CAS # 13548-38-4): Present Cupric Nitrate (CAS # 3251-23-8): Present Sodium Nitrate (CAS # 7631-99-4): Present Nitric Acid (CAS # 7697-37-2): Present Potassium Nitrate (CAS # 7757-79-1): Present Arsenic Acid (CAS # 7778-39-4): Present

# 15.11. European Inventory of Existing Commercial Chemical Substances (EINECS),

European List of Notified Chemical Substances (ELINCS), and No Longer Polymers (NLP) Not listed.

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# **SECTION 16: Other Information**

# 16.1. Full Text of Hazard Statements and Precautionary Statements

May be corrosive to metals. Causes severe skin burns and eye damage. Harmful to aquatic life.

Keep only in original container. Do not breathe fumes, mist, vapors, or spray. Wash arms, hands and face thoroughly after handling. Avoid release to the environment. 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. 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 immediately). Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

Store locked up. Store in corrosive resistant container with a resistant inner liner.

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. Not Applicable.

# 16.3. National Fire Protection Association (NFPA) Rating

Health: 3 Flammability: 0 Reactivity: 0 Special Hazard:





## 16.4. Document Revision

Last Revision Date: 9/15/2016

# 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.