

700016

Page 1 of 10

# **Safety Data Sheet**

### SECTION 1: Identification

1.1. Product Identifier

Trade Name or Designation: Street Nitrate, 0.100 Normal (N/10)

Product Number: 7000

Other Identifying Product Numbers: 7000-1, 7000-16, 7000-1CS, 7000-1G, 7000-2-5, 7000-32, 7000-32CS, 7000-32G, 7000-4,

7000-5

1.2. Recommended Use and Restrictions on Use

General Laboratory Reagent

1.3. Details of the Supplier of the Safety Data Sheet

Company: Ricca Chemical Company

Address: 448 West Fork Drive

Arangton, 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

Product Number: 7000

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.

		Hazardi	
Hazard Class	Category	Statement	Precaulionary Statements
Acute Toxicity - Oral	Category 3	H301	P264, P270, P301+P310, P321, P330, P405, P501
Skin Corresion / Irritation	Calegory 2	H315	P264, P280, P302+P352, P321, P332+P313, P362
Eye Damage / Imitation	Category 1	H318	P280, P305+P351+P338, P310
Reproductive Toxicity	Category 2	H361	P201, P202, P280, P308+P313, P405, P501
Specific Target Organs/Systemic Toxicity Following Single Exposure	Category 1	H370	P260, P264, P270, P307+P311, P321, P405, P501
Specific Target Organs/Systemic Toxicity Following Repeated Exposure	Category 1	H372	P260, P264, P270, P314, P501
Hazardous to the Aquatic Emironment (Acute)	Category 3	H402	P273, P501
Hazardous to the Aquatic Emirrorment (Chronic)	Category 3	H402	P273, P501



# RICCA CHEMICAL COMPANY

# **Safety Data Sheet**

## 2.2. GHS Label Elements

Pictograms:







## signal Word: Danger

#### Hazard Statements:

H301	Hazard Statement Toxof snatoned.	
H315	Causes skin infation.	
H318	Causes serious eye damage.	
H361	Suspected of damaging fertility or the unborn child.	
H370	Causes damage to organs.	
H372	Causes damage to organs through prolonged or repeated exposure.	
H402	Harmául to aquatic life.	14/14/14/14/15

#### **Precautionary Statements:**

Precaulionary Number	Precautionary Statement
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P260	Do not breathe dust, furnes or mist
P264	Wash arms, hands and face thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection.
P301+P310	IF SWALLOWED: immediately call a POISON CENTER or physician.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, it present and easy to
	do, Continua rinsing.
P307+P311	IF exposed: Call a POISON CENTER or physician.
P308+P313	iF exposed or concerned: Get medical attention.
P310	Immediately call a POISON CENTER or physician.
P314	Get medical attention if you feel univell.
P321	Specार्केट treatment (Wash areas of contact with water).
P330	Rinse mouth.
P332+P313	If skin irritation occurs: Get medical attention.
P362	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents in accordance with local, state, federal and international regulations.

Product Number: 7000 Page 2 of 10



# Safety Data Sheet

### 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.

## BECTION 3: Composition/Information on ingredients

#### 3.1. Components of Substance or Mixture

Chemical Name	(Formula )	Aolecolar Weigini:	is/Establish	le svenglavs
Water	H,O	18.01 g/mol	7732-18-5	93.32%
Silver Nitrate	AgNO,	169.87 g/mol	7761-83-8	1.68%

## SECTION 4: First-Alid 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. May cause initation, redness, pain, and tearing.

Inhalation: Not expected to require first aid, if necessary, remove to fresh air.

Skin Contact: IF ON SKIN: Wash with plenty of soap and water. May cause irritation and temporary discoloration of skin.

Ingestion: If SWALLOWED: Immediately call a POISON CENTER or physician. Daute immediately with water or milk. Induce verniting Call a physician.

### 4.2. Most Important Symptoms and Effects, Acute and Delayed

Hazards increase as concentration increases. Most assume that solutions of Silver Nitrate do not reach hazardous concentrations until approximately 5%. Will temporarily discolor skin. Wash areas of contact with water. May be fatal if swallowed. Can cause sore throat, womiting, and darnhea. EYE CONTACT: May cause initiation, redness, pain, and tearing. SKIN CONTACT: May cause initiation and temporary discoloration of skin. CHRONIC EFFECTS / CARCINOGENICITY: Chronic exposure can cause permanent brush discoloration of the skin.

#### 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: Fite Flathung Measures

#### 5.1. Extinguishing Media

Use water or water spray on small fires. Do not use dry chemicals or carbon dioxide.

### 5.2. Specific Hazards Arising from the Substance or Mixture

Silver Narate reactions may cause fire. Silver Narate is a strong oxidizer.

Product Number: 7000 Page 3 of 10



# RICCA CHEMICAL COMPANY®

# Safety Data Sheet

### 5.3. Special Protective Equipment for Firefighters

Use protective clothing and breathing equipment appropriate for the surrounding fire.

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# 6.1. Personal Precautions, Protective Equipment and Emergency Procedures Wear protective gloves and eye protection.

#### 6.2. Cleanup and Containment Methods and Materials

Do not flush to sevier. Containerize for disposal with a hazardous waste disposal facility. Dispose of in accordance with local regulations.

# SECTION ACTION HORSELES CONTRACTOR

## 7.1. Precautions for Safe Handling and Storage Conditions

Store locked up. As with all chemicals, wash hands thoroughly after handing. Avoid contact with eyes and skin. Protect from freezing and physical damage.

### SECTION DESCRIPTION OF ARTERNATION OF THE SECTION O

#### 8.1. Control Parameters

Oppoles Nome :	。 到前便的	a (comit	or Boyanaylou	and and the state of the state
S∛rer N%rate (7761-88-8)	TVA	USA	0.01 mg/m³ TV/A (as Ag)	U.S OSHA - Final PELs - Time
				Weighted Averages (TWAs)
S\$ver Ntrate (7761-88-8)	TLV-TWA	USA	0.01 mg/m³ TWA (as Ag)	ACGIH - Threshold Limit Values - Time
				Weighted Averages (TLV-TWA)

#### 8.2. Exposure Controls

Engineering Controls: No specific controls are needed. Normal room vent/lation is adequate.

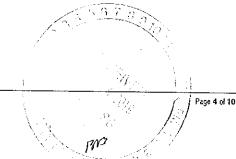
Respiratory Protection: Normal room ventilation is adequate.

Skin Protection: Wear protective gloves and eye protection. Chemical resistant gloves.

Eye Protection: Wear protective gloves and eye protection. Safety glasses or goggles.

#### 8.3. Personal Protective Equipment

Wear protective gloves and eye protection. Normal room ventlation is adequate. Chemical resistant gloves. Safety glasses or goggles.



Product Number: 7000



# **Safety Data Sheet**

### SECTION 9: Physical and Chemical Properties

#### 9,1, Basic Physical and Chemical Properties

Appearance: Colorless Equid

Physical State: Liquid

Odor: Data not available.

Odor Threshold: Data not available.

pH: approximately 6

Melting/Freezing Point: 0.0°C

Initial Bolling Point /Range: 100°C - 100°C

Flash Point: Data not available.

Evaporation Rate: Data not available.

Fiammability: Data not available.

Flammability/Explosive Limits: Data not available.

Vapor Pressure: Data not available.

Vapor Density: Data not available.

Relative Density: 1.01

Solubility: Miscible

Partition Coefficient (n-OctavolWater): 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 ID: 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

Ammonium Hydroxide, Organio Materiais, Suffides, Charcoal, Acetylene, Calcium Cartide, Ethanol, reducing agents, alkalis, Anlimony saks,

#### 10.4. Hazardous Decomposition Products

Will not occur.



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## **Safety Data Sheet**

### SECTION 1:1: Toxicological information

#### 11.1, Information on Toxicological Effects

#### Acute Toxicity - Oral Exposure:

Toxic if swallowed. Wash arms, hands and face thoroughly after handing. Do not eat, drink or smoke when using this product. IF SWALLOWED: Immediately call a POISON CENTER or physician. Specific treatment (Wash areas of contact with water). Rinse mouth. Store locked up. Dispose of contents in accordance with local, state, federal and international regulations.

#### Acute Toxicity - Dermal Exposure:

Not applicable.

#### Acute Toxicity - Inhalation Exposure:

Not applicable.

#### Acute Toxicity - Other Information:

LD50, Oral, Rab (Silver Nitrate) 1173 mg kg. Toxic effects: behavioral - tetany; Lungs, throat or respiration - cyanosis; Gastrointestinal - hypermotity, diarrhea.

#### Skin Corresion and Irritation:

Causes skin limitation. Wash arms, hands and face thoroughly after handling. Wear protective gloves and eye protection. IF ON SKIN: Wash with plenty of soap and water. Specific treatment (Wash areas of contact with water), If skin limitation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

#### Serious Eye Damage and Irritation:

Causes serious eye damage. 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. Immediately call a POISON CENTER or physician.

#### Respiratory Sensitization:

Not applicable.

#### Skin Sensitization:

Not applicable.

#### Germ Cell Mutagenicity:

Not applicable.

#### Carcinogenicity:

Not applicable.

### Reproductive Toxicity:

Suspected of damaging fertity or the unborn child. Obtain special instructions before use, Do not handle until all safety precautions have been read and understood. Wear protective gloves and eye protection. If exposed or concerned: Get medical attention. Store locked up. Dispose of contents in accordance with local, state, federal and international resultations.

#### Specific Target Organ Toxicity from Single Exposure:

Causes damage to organs. Do not breathe dust, furnes or mist. Wash arms, hands and face thoroughly after handling. Do not eat, drink or smoke when using this product. IF exposed: Call a POISON CENTER or physician. Specific treatment (Wash areas of contact with water). Store locked up. Dispose of contents in accordance with local, state, federal and international regulations.



# Safety Data Sheet

#### Specific Target Organ Toxicity from Repeated Exposure:

Causes damage to organs through prolonged or repeated exposure. Do not breathe dust, fumes or mist. Wash arms, hands and face thoroughly after handling. Do not eat, drink or smoke when using this product. Get medical attention if you feel unwell. Dispose of contents in accordance with local, state, federal and international regulations.

#### Aspiration Hazard:

Not applicable.

#### Additional Toxicology Information:

Data not available.

## EGENTION OF THE CONTINUOUS CONTIN

#### 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. 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. Bloaccumulative Potential

Data not available.

#### 12.4. Mobility in Soil

Data not available.

#### 12.5. Other Adverse Ecological Effects

Data not available

## 

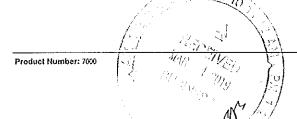
#### 13.1. Waste Treatment Methods

Data not available.

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

Not regulated according to DOT Regulations.





# RICCA CHEMICAL COMPANY®

## Safety Data Sheet

## #BEGTIONALS Frequestory Information

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

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

# 15.3. Superfund Amendments and Reauthorization Act (SARA) 311/312 Hazardous Chemicats Siver Nature (CAS # 7761-88-9): 1 to final RO. 0.454 to final RO.

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

Silver Nitrate (CAS # 7761-88-8): 1.0 % de minimis concentration (fisted under Chemical Category N740).
Silver Nitrate (CAS # 7781-88-9): 1.0 % de minimis concentration (reportable only when in aqueous solution, Chemical Category N511).

#### 15.5. Massachusetts Right-to-Know Substance List

Siver Nitrate (CAS # 7761-88-8); Present

#### 15.6. Pennsylvania Right-to-Know Hazardous Substances

Water (CAS # 7732-18-5): Present Söver Nürate (CAS # 7761-88-8): Environmental hazard Söver Nürate (CAS # 7761-88-8): Present

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

Säver Nitrate (CAS # 7761-88-8): corrostve
Säver Nitrate (CAS # 7761-88-9): sn 1672
Säver Nitrate (CAS # 7761-88-8): sn 3008
Säver Nitrate (CAS # 7761-88-8): SN 3008 TPO: 500 lb (Category Code N740). Includes any unique chemical substance that contains the named

SIMM nurses (CAS # 7701-65-6): Six 3945 1PQ: 500 to (Category Code N740. Includes any unique chemical substance that contains the named metal as part of that chemical structure)

Silver Nitrate (CAS # 7761-88-9); sn 3722

Silver Nitrate (CAS # 7761-88-8): SN 3722 TPQ: 500 lb (water dissociable, Category Code N511)

#### 15.8. California Proposition 65

Not fisted.

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

Water (CAS # 7732-18-5): Present Styer Ntrate (CAS # 7761-88-8): Present

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

Water (CAS # 7732-18-5): Present Silver Mirate (CAS # 7761-88-8): Present

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

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

Product Number: 7000

Page 7 of 10

Page 8 of 10



# **Safety Data Sheet**

### SECTION 16: Other Information

### 16.1. Full Text of Hazard Statements and Precautionary Statements

Toxic if swallowed, Causes skin irritation, Causes serious eye damage. Suspected of damaging fertility or the unborn child. Causes damage to organs. Causes damage to organs through prolonged or repeated exposure. Harmful to aquatic life.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust, fumes or mist. Wash arms, hands and face thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid release to the environment. Wear protective gloves and eye protection.

IF SWALLOWED: Immediately call a POISON CENTER or physician. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed: Call a POISON CENTER or physician. Get medical attention if you feel unwell. Specific treatment (Wash areas of contact with water). Rinse mouth. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.

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.

Not Applicable.

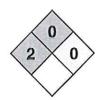
#### 16.3. National Fire Protection Association (NFPA) Rating

Health: 2

Flammability: 0

Reactivity: 0

Special Hazard:



### 16.4. Document Revision

Last Revision Date: 5/1/2015





# RICCA CHEMICAL COMPANY®

# **Safety Data Sheet**

#### 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.

