

Safety Data Sheet

Classified According to OSHA Hazard Communication Standard (HCS)

SECTION 1: Identification

1.1. Product Identifier

Trade Name or Designation: Potassium Hydroxide, 2.0N / IPA

Product Number: R6254500

Other Identifying Product Numbers: R6254500-1A

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

Arlington, TX 76012 USA

Telephone: 888-467-4222

1.4. Emergency Telephone Number (24 hours)

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

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 Class	Category	Hazard Statements:	Precautionary Statements:
Acute Toxicity - Oral	Category 4	H302	P264, P270, P301+P312, P330, 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 1	H318	P280, P305+P351+P338, P310
Flammable Liquids	Category 2	H225	P210, P233, P240, P241, P242, P243, P280, P303+P361+P353, P370+P378, P403+P235, P501

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2.2. GHS Label Elements

Pictograms:



Signal Word: **Danger**

Hazard Statements:

Hazard Number	Hazard Statement
H225	Highly flammable liquid and vapor.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.

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Precautionary Statements:

Precautionary Number	Precautionary Statement
P210	Keep away from heat, sparks and open flame. No smoking.
P233	Keep container tightly closed.
P240	Ground container and receiving equipment.
P241	Use explosion-proof equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe 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.
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.
P321	Specific treatment (Wash areas of contact with water immediately).
P330	Rinse mouth.
P363	Wash contaminated clothing before reuse.
P370+P378	In case of fire: Use dry chemical, foam or carbon dioxide to extinguish.
P403+P235	Store in a well-ventilated place. Keep cool.
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	CAS Number	Weight%
Isopropyl Alcohol	CH ₃ CHOHCH ₃	60.09 g/mol	67-63-0	85.94
Potassium Hydroxide	KOH	56.10 g/mol	1310-58-3	12.20
Water	H ₂ O	18.01 g/mol	7732-18-5	1.82
Ethylenediamine	NH ₂ CH ₂ CH ₂ NH ₂	60.09 g/mol	107-15-3	< 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. May cause irritation with burning and stinging with possible damage to the cornea and conjunctiva.

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. Results in drying and cracking which can lead to secondary infections and dermatitis.

Ingestion: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Dilute with water or milk. Do not induce vomiting. Call a physician if necessary.

4.2. Most Important Symptoms and Effects, Acute and Delayed

Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage. Flammable liquid. Corrosive liquid. Contact may cause dryness and cracking of the skin. May cause irritation of the respiratory system. Causes irritation to the eyes. If ingested, give large quantity of water and induce vomiting. Call a physician. Wash areas of contact with water. EYE CONTACT: May cause irritation with burning and stinging with possible damage to the cornea and conjunctiva. SKIN CONTACT: Results in drying and cracking which can lead to secondary infections and dermatitis.

4.3. Medical Attention or Special Treatment Needed

Immediately call a POISON CENTER or physician. Specific treatment (Wash areas of contact with water immediately). Irrigate immediately with large quantity of water for at least 15 minutes. Call a physician if irritation develops. Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give oxygen. Wash areas of contact with soap and water for at least 15 minutes. Call a physician if irritation develops. Dilute with water or milk. Do not induce vomiting. Call a physician if necessary.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing Media

In case of fire: Use dry chemical, foam or carbon dioxide to extinguish. Carbon dioxide, dry chemical, alcohol foam

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5.2. Specific Hazards Arising from the Substance or Mixture

Highly flammable liquid and vapor. Vapors may explode if ignited in an enclosed area.

5.3. Special Protective Equipment for Firefighters

Wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

SECTION 6: Accidental Release Measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Ground container and receiving equipment. Use explosion-proof equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Wear protective gloves and eye protection.

6.2. Cleanup and Containment Methods and Materials

Remove all sources of ignition. Contain spill. Do not flush to sewer. Absorb with suitable inert material (vermiculite, dry sand, etc) and place in a chemical waste container for proper disposal in an approved waste disposal facility. Ventilate area of spill. Have extinguishing agent available in case of fire. Use non-sparking tools and equipment. Dispose of in accordance with local regulations.

SECTION 7: Handling and Storage

7.1. Precautions for Safe Handling and Storage Conditions

Store locked up. As with all chemicals, wash hands thoroughly after handling. Avoid contact with eyes and skin. Protect from freezing and physical damage. Store in secure, flammable storage area away from all sources of ignition. Empty containers may be hazardous since they retain product residues.

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SECTION 8: Exposure Controls / Personal Protection

8.1 Control Parameters

Chemical Name	Limit Type	Country	Exposure Limit	Information Source
Ethylenediamine (107-15-3)	TWA	USA	10 ppm TWA; 25 mg/m ³ TWA	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Ethylenediamine (107-15-3)	TLV-TWA	USA	10 ppm TWA	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Ethylenediamine (107-15-3)	TLV-TWA	USA	"10 ppm TWA" As Ethylenediamine [107-15-3]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Ethylenediamine (107-15-3)	TWA	USA	"10 ppm TWA; 25 mg/m ³ TWA" As Ethylenediamine [107-15-3]	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Ethylenediamine (107-15-3)	TLV-TWA	USA	"10 ppm TWA" As Ethylenediamine [107-15-3]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Ethylenediamine (107-15-3)	TWA	USA	"10 ppm TWA; 25 mg/m ³ TWA" As Ethylenediamine [107-15-3]	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Ethylenediamine (107-15-3)	TLV-TWA	USA	"10 ppm TWA" As Ethylenediamine [107-15-3]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Ethylenediamine (107-15-3)	TWA	USA	"10 ppm TWA; 25 mg/m ³ TWA" As Ethylenediamine [107-15-3]	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Potassium Hydroxide (1310-58-3)	TLV-Ceiling	USA	2 mg/m ³ Ceiling	ACGIH - Threshold Limit Values - Ceilings (TLV-C)
Potassium Hydroxide (1310-58-3)	TLV-Ceiling	USA	"2 mg/m ³ Ceiling" As Potassium hydroxide [1310-58-3]	ACGIH - Threshold Limit Values - Ceilings (TLV-C)
Potassium Hydroxide (1310-58-3)	TLV-Ceiling	USA	"2 mg/m ³ Ceiling" As Potassium hydroxide [1310-58-3]	ACGIH - Threshold Limit Values - Ceilings (TLV-C)
Potassium Hydroxide (1310-58-3)	TLV-Ceiling	USA	"2 mg/m ³ Ceiling" As Potassium hydroxide [1310-58-3]	ACGIH - Threshold Limit Values - Ceilings (TLV-C)
Potassium Hydroxide (1310-58-3)	TLV-Ceiling	USA	"2 mg/m ³ Ceiling" As Potassium hydroxide [1310-58-3]	ACGIH - Threshold Limit Values - Ceilings (TLV-C)
Isopropyl Alcohol (67-63-0)	TWA	USA	400 ppm TWA; 980 mg/m ³ TWA	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)

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Isopropyl Alcohol (67-63-0)	TLV-STEL	USA	400 ppm STEL	ACGIH - Threshold Limit Values - Short Term Exposure Limits (TLV-STEL)
Isopropyl Alcohol (67-63-0)	TLV-TWA	USA	200 ppm TWA	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Isopropyl Alcohol (67-63-0)	TLV-TWA	USA	"200 ppm TWA" As 2-Propanol [67-63-0]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Isopropyl Alcohol (67-63-0)	TWA	USA	"400 ppm TWA; 980 mg/m ³ TWA" As Isopropyl alcohol [67-63-0]	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Isopropyl Alcohol (67-63-0)	TLV-STEL	USA	"400 ppm STEL" As 2-Propanol [67-63-0]	ACGIH - Threshold Limit Values - Short Term Exposure Limits (TLV-STEL)
Isopropyl Alcohol (67-63-0)	TLV-STEL	USA	"400 ppm STEL" As 2-Propanol [67-63-0]	ACGIH - Threshold Limit Values - Short Term Exposure Limits (TLV-STEL)
Isopropyl Alcohol (67-63-0)	TLV-TWA	USA	"200 ppm TWA" As 2-Propanol [67-63-0]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Isopropyl Alcohol (67-63-0)	TWA	USA	"400 ppm TWA; 980 mg/m ³ TWA" As Isopropyl alcohol [67-63-0]	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)

8.2. Exposure Controls

Engineering Controls: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limit.

Respiratory Protection: Normal room ventilation is adequate. If the exposure limit is exceeded, a full facepiece respirator with organic vapor cartridge may be worn.

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 ventilation is adequate. If the exposure limit is exceeded, a full facepiece respirator with organic vapor cartridge may be worn. Chemical resistant gloves. Safety glasses or goggles.

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SECTION 9: Physical and Chemical Properties

9.1. Basic Physical and Chemical Properties

Appearance: Colorless. May be cloudy

Physical State: Liquid

Odor: Alcohol

Odor Threshold: Data not available.

pH: basic

Melting/Freezing Point: Approximately 0°C

Initial Boiling Point/Range: Approximately 100°C - Approximately 100°C

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: 0.80

Solubility: Miscible

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.

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 away from heat, sparks and open flame. No smoking. Keep container tightly closed. Strong oxidizing agents such as Nitrates, Perchlorates or Sulfuric Acid, heat, sparks, open flame. Will attack some forms of plastics, rubber and coatings. May react with metallic aluminum and generate hydrogen gas.

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10.4. Hazardous Decomposition Products

Will not occur.

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:

Not applicable.

Acute Toxicity - Other Information:

LD50, Oral, Rat: (Isopropanol) 5045 mg/kg, behavioral effects noted, (Potassium Hydroxide) 273 mg/kg, details of toxic effects not reported other than lethal dose value.

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:

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:

Not applicable.

Specific Target Organ Toxicity from Single Exposure:

Not applicable.

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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

Not applicable.

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.

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SECTION 14: Transportation Information

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

Sizes: 1 L

UN Number: UN2924

Proper Shipping Name: Flammable Liquid, Corrosive, n.o.s. (Isopropanol, Potassium Hydroxide)

Hazard Class: 3 (8)

Packing Group: II

Hazard Label(s):



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

Sizes: 1 L

UN Number: UN2924

Proper Shipping Name: Flammable Liquid, Corrosive, n.o.s. (Isopropanol, Potassium Hydroxide)

Hazard Class: 3 (8)

Packing Group: II

Hazard Label(s):



14.3 Transportation of Dangerous Goods (TDG, Canada)

Sizes: 1 L

UN Number: UN2924

Proper Shipping Name: FLAMMABLE LIQUID, CORROSIVE, N.O.S. (isopropanol, potassium hydroxide)

Hazard Class: 3 (8)

Packing Group: II

Hazard Label(s):



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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

Ethylenediamine (CAS # 107-15-3): "10000 lb TPQ" As Ethylenediamine [107-15-3]

Ethylenediamine (CAS # 107-15-3): "5000 lb EPCRA RQ" As Ethylenediamine [107-15-3]

Ethylenediamine (CAS # 107-15-3): 10000 lb TPQ

Ethylenediamine (CAS # 107-15-3): 5000 lb EPCRA RQ

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

Ethylenediamine (CAS # 107-15-3): "5000 lb final RQ

Ethylenediamine (CAS # 107-15-3): 2270 kg final RQ

Ethylenediamine (CAS # 107-15-3): 2270 kg final RQ" As Ethylenediamine [107-15-3]

Ethylenediamine (CAS # 107-15-3): 5000 lb final RQ

Potassium Hydroxide (CAS # 1310-58-3): "1000 lb final RQ

Potassium Hydroxide (CAS # 1310-58-3): 1000 lb final RQ

Potassium Hydroxide (CAS # 1310-58-3): 454 kg final RQ

Potassium Hydroxide (CAS # 1310-58-3): 454 kg final RQ" As Potassium hydroxide [1310-58-3]

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

Isopropyl Alcohol (CAS # 67-63-0): "1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)" As Isopropyl alcohol [67-63-0]

Isopropyl Alcohol (CAS # 67-63-0): 1.0 % de minimis concentration (only if manufactured by the strong acid process, no supplier notification)

15.5. Massachusetts Right-to-Know Substance List

Ethylenediamine (CAS # 107-15-3): "Extraordinarily hazardous" As 1,2-Diaminoethane [107-15-3]

Ethylenediamine (CAS # 107-15-3): Extraordinarily hazardous

Potassium Hydroxide (CAS # 1310-58-3): "Present" As Potassium hydroxide [1310-58-3]

Potassium Hydroxide (CAS # 1310-58-3): Present

Isopropyl Alcohol (CAS # 67-63-0): "Present" As 2-Propanol [67-63-0]

Isopropyl Alcohol (CAS # 67-63-0): Present

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15.6. Pennsylvania Right-to-Know Hazardous Substances

Ethylenediamine (CAS # 107-15-3): "Environmental hazard" As 1,2-Ethanediamine [107-15-3]

Ethylenediamine (CAS # 107-15-3): Environmental hazard

Potassium Hydroxide (CAS # 1310-58-3): "Environmental hazard" As Potassium hydroxide (K(OH)) [1310-58-3]

Potassium Hydroxide (CAS # 1310-58-3): Environmental hazard

Isopropyl Alcohol (CAS # 67-63-0): "Environmental hazard" As 2-Propanol [67-63-0]

Isopropyl Alcohol (CAS # 67-63-0): "Special hazardous substance" As Isopropyl alcohol manufacture (strong-acid process) [RR-00068-0]

Isopropyl Alcohol (CAS # 67-63-0): Environmental hazard

Isopropyl Alcohol (CAS # 67-63-0): Special hazardous substance

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

Ethylenediamine (CAS # 107-15-3): "corrosive" As Ethylenediamine [107-15-3]

Ethylenediamine (CAS # 107-15-3): "SN 0875 500 lb TPQ" As Ethylenediamine [107-15-3]

Ethylenediamine (CAS # 107-15-3): "sn 0875" As Ethylenediamine [107-15-3]

Ethylenediamine (CAS # 107-15-3): corrosive

Ethylenediamine (CAS # 107-15-3): sn 0875

Ethylenediamine (CAS # 107-15-3): SN 0875 500 lb TPQ

Potassium Hydroxide (CAS # 1310-58-3): "corrosive" As Potassium hydroxide [1310-58-3]

Potassium Hydroxide (CAS # 1310-58-3): "sn 1571" As Potassium hydroxide [1310-58-3]

Potassium Hydroxide (CAS # 1310-58-3): corrosive

Potassium Hydroxide (CAS # 1310-58-3): sn 1571

Isopropyl Alcohol (CAS # 67-63-0): "flammable - third degree" As Isopropyl alcohol [67-63-0]

Isopropyl Alcohol (CAS # 67-63-0): "SN 1076 500 lb TPQ (manufacturing - strong acid process only)" As Isopropyl alcohol [67-63-0]

Isopropyl Alcohol (CAS # 67-63-0): "sn 1076" As Isopropyl alcohol [67-63-0]

Isopropyl Alcohol (CAS # 67-63-0): flammable - third degree

Isopropyl Alcohol (CAS # 67-63-0): sn 1076

Isopropyl Alcohol (CAS # 67-63-0): SN 1076 500 lb TPQ (manufacturing - strong acid process only)

15.8. California Proposition 65

Not listed.



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

Ethylenediamine (CAS # 107-15-3): "Present" As Ethylenediamine [107-15-3] (DSL)
Ethylenediamine (CAS # 107-15-3): Present (DSL)
Potassium Hydroxide (CAS # 1310-58-3): "Present" As Potassium hydroxide [1310-58-3] (DSL)
Potassium Hydroxide (CAS # 1310-58-3): Present (DSL)
Isopropyl Alcohol (CAS # 67-63-0): "Present" As Alcohols, C1-3 [68475-56-9] (NDSL)
Isopropyl Alcohol (CAS # 67-63-0): "Present" As Isopropyl alcohol [67-63-0] (DSL)
Isopropyl Alcohol (CAS # 67-63-0): Present (DSL)
Isopropyl Alcohol (CAS # 67-63-0): Present (NDSL)
Water (CAS # 7732-18-5): "Present" As Water [7732-18-5] (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.

Ethylenediamine (CAS # 107-15-3): "Present (ACTIVE)" As 1,2-Ethanediamine [107-15-3]
Ethylenediamine (CAS # 107-15-3): Present (ACTIVE)
Ethylenediamine (CAS # 107-15-3): Present [XU] (ACTIVE)
Potassium Hydroxide (CAS # 1310-58-3): "Present (ACTIVE)" As Potassium hydroxide (K(OH)) [1310-58-3]
Potassium Hydroxide (CAS # 1310-58-3): Present (ACTIVE)
Isopropyl Alcohol (CAS # 67-63-0): "Present (ACTIVE)" As 2-Propanol [67-63-0]
Isopropyl Alcohol (CAS # 67-63-0): Present (ACTIVE)
Water (CAS # 7732-18-5): "Present [XU] (ACTIVE)" As Water [7732-18-5]
Water (CAS # 7732-18-5): Present [XU] (ACTIVE)

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

Ethylenediamine (CAS # 107-15-3): "203-468-6" As Ethylenediamine [107-15-3]
Ethylenediamine (CAS # 107-15-3): 203-468-6
Potassium Hydroxide (CAS # 1310-58-3): "215-181-3" As Potassium hydroxide [1310-58-3]
Potassium Hydroxide (CAS # 1310-58-3): 215-181-3
Isopropyl Alcohol (CAS # 67-63-0): "200-661-7" As Propan-2-ol [67-63-0]
Isopropyl Alcohol (CAS # 67-63-0): 200-661-7
Isopropyl Alcohol (CAS # 67-63-0): 270-649-4
Water (CAS # 7732-18-5): "231-791-2" As Water [7732-18-5]
Water (CAS # 7732-18-5): 231-791-2

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SECTION 16: Other Information

16.1. Full Text of Hazard Statements and Precautionary Statements

Highly flammable liquid and vapor. Harmful if swallowed. Causes severe skin burns and eye damage.

Keep away from heat, sparks and open flame. No smoking. Keep container tightly closed. Ground container and receiving equipment. Use explosion-proof equipment. Use only non-sparking tools. Take precautionary measures against static discharge. 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. 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 immediately). Wash contaminated clothing before reuse. In case of fire: Use dry chemical, foam or carbon dioxide to extinguish.

Store in a well-ventilated place. Keep cool. 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.

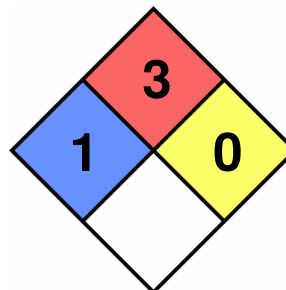
Physical Hazards Not Otherwise Classified (PHNOC): Not Applicable.

Health Hazards Not Otherwise Classified (HHNOC): Not Applicable.

Biohazardous Infectious Materials Hazard Class: Not Applicable.

16.3. National Fire Protection Association (NFPA) Rating

Health: 1
Flammability: 3
Reactivity: 0
Special Hazard:



16.4. Document Revision

Last Revision Date: 2025-04-01

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.