



Safety Data Sheet

Classified According to OSHA Hazard Communication Standard (HCS)

SECTION 1: Identification

1.1. Product Identifier

Trade Name or Designation: Acetic Acid: Chloroform, 3:2

Product Number: 160

Other Identifying Product Numbers: 160-1

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: 412 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

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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
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 1	H318	P280, P305+P351+P338, P310
Carcinogenicity	Category 2	H351	P201, P202, P280, P308+P313, P405, P501
Reproductive Toxicity	Category 2	H361	P201, P202, P280, P308+P313, P405, P501
Specific Target Organs/Systemic Toxicity Following Repeated Exposure	Category 1	H372	P260, P264, P270, P314, 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.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H351	Suspected of causing cancer.
H361	Suspected of damaging fertility or the unborn child.
H372	Causes damage to organs through prolonged or repeated exposure.

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Precautionary Statements:

Precautionary 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 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.
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.
P308+P313	IF exposed or concerned: Get medical attention.
P310	Immediately call a POISON CENTER or physician.
P311	Call a POISON CENTER or physician.
P314	Get medical attention if you feel unwell.
P321	Specific treatment (Wash areas of contact with water).
P330	Rinse mouth.
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.

SECTION 3: Composition / Information on Ingredients

3.1. Components of Substance or Mixture

Chemical Name	Formula	Molecular Weight	CAS Number	Weight%
Acetic Acid	CH ₃ COOH	60.05 g/mol	64-19-7	51.48
Chloroform	CHCl ₃	119.37 g/mol	67-66-3	48.52

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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. Causes irritation.

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. May produce pain, redness, severe irritation or full thickness burns. May be absorbed through the skin with possible systemic effects.

Ingestion: IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Dilute with water or milk. Vomiting may occur spontaneously but do not induce. Call a physician immediately.

4.2. Most Important Symptoms and Effects, Acute and Delayed

Harmful if swallowed. Causes severe skin burns and eye damage. Causes serious eye damage. Toxic if inhaled. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure. DANGER! Corrosive. Toxic. May be fatal if swallowed, inhaled or absorbed through skin. Causes severe irritation to the skin, eyes and respiratory tract. Contains Chloroform, which is a suspected carcinogen. May affect central nervous system, liver, kidneys and cardiovascular system. Avoid contact with skin, eyes, or clothing. Wash areas of contact with water. If swallowed, dilute with water and call a physician immediately. Do not induce vomiting. EYE CONTACT: Causes irritation. SKIN CONTACT: May produce pain, redness, severe irritation or full thickness burns. May be absorbed through the skin with possible systemic effects. CHRONIC EFFECTS / CARCINOGENICITY: Suspected carcinogen. Prolonged or repeated exposure to vapors may cause damage to the nervous system, heart, liver and kidneys. Repeated exposure may cause chronic irritation of the skin leading possibly to dermatitis.

4.3. Medical Attention or Special Treatment Needed

Immediately call a POISON CENTER or physician. Specific treatment (Wash areas of contact with water). 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. Vomiting may occur spontaneously but do not induce. Call a physician immediately.

SECTION 5: Fire-Fighting Measures

5.1. Extinguishing Media

Use extinguishing media appropriate for surrounding fire. Water spray, dry chemical, alcohol foam, carbon dioxide

5.2. Specific Hazards Arising from the Substance or Mixture

Combustible liquid. Combustion may produce irritants and toxic gases. Not combustible, but if involved in a fire reacts to produce hydrogen chloride and phosphine.

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5.3. Special Protective Equipment for Firefighters

Wear special protective clothing and positive pressure self-contained breathing apparatus. Butyl rubber, Teflon, Viton, or Saranex barrier recommended. Wear special protective clothing and positive pressure self-contained breathing apparatus. Polyvinyl alcohol or Viton barrier recommended.

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

Approach release from upwind. Stop or control the leak, if this can be done without undue risk. Control runoff and isolate discharged material for proper disposal. Use water spray to cool and disperse vapors, protect personnel, and dilute spills to form nonflammable mixtures. Use soda ash to neutralize spills. Control runoff and isolate discharged material for proper disposal.

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.

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SECTION 8: Exposure Controls / Personal Protection

8.1 Control Parameters

Chemical Name	Limit Type	Country	Exposure Limit	Information Source
Acetic Acid (64-19-7)	TLV-STEL	USA	"15 ppm STEL" As Acetic acid [64-19-7]	ACGIH - Threshold Limit Values - Short Term Exposure Limits (TLV-STEL)
Acetic Acid (64-19-7)	TLV-TWA	USA	"10 ppm TWA" As Acetic acid [64-19-7]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Acetic Acid (64-19-7)	TWA	USA	"10 ppm TWA; 25 mg/m ³ TWA" As Acetic acid [64-19-7]	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Acetic Acid (64-19-7)	TWA	USA	10 ppm TWA; 25 mg/m ³ TWA	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Acetic Acid (64-19-7)	TLV-TWA	USA	10 ppm TWA	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Acetic Acid (64-19-7)	TLV-STEL	USA	15 ppm STEL	ACGIH - Threshold Limit Values - Short Term Exposure Limits (TLV-STEL)
Acetic Acid (64-19-7)	TLV-TWA	USA	"10 ppm TWA" As Acetic acid [64-19-7]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Acetic Acid (64-19-7)	TLV-STEL	USA	"15 ppm STEL" As Acetic acid [64-19-7]	ACGIH - Threshold Limit Values - Short Term Exposure Limits (TLV-STEL)
Acetic Acid (64-19-7)	TWA	USA	"10 ppm TWA; 25 mg/m ³ TWA" As Acetic acid [64-19-7]	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Acetic Acid (64-19-7)	TLV-TWA	USA	"10 ppm TWA" As Acetic acid [64-19-7]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Acetic Acid (64-19-7)	TWA	USA	"10 ppm TWA; 25 mg/m ³ TWA" As Acetic acid [64-19-7]	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Acetic Acid (64-19-7)	TLV-STEL	USA	"15 ppm STEL" As Acetic acid [64-19-7]	ACGIH - Threshold Limit Values - Short Term Exposure Limits (TLV-STEL)
Chloroform (67-66-3)	PEL-Ceiling	USA	50 ppm Ceiling; 240 mg/m ³ Ceiling	U.S. - OSHA - Final PELs - Ceiling Limits
Chloroform (67-66-3)	TLV-TWA	USA	10 ppm TWA	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Chloroform (67-66-3)	TLV-TWA	USA	"10 ppm TWA" As Chloroform [67-66-3]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)

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Chloroform (67-66-3)	PEL-Ceiling	USA	"50 ppm Ceiling; 240 mg/m ³ Ceiling" As Chloroform [67-66-3]	U.S. - OSHA - Final PELs - Ceiling Limits
Chloroform (67-66-3)	TLV-TWA	USA	"0.5 mg/m ³ TWA (as Sb)" As Antimony compounds [RR-00585-6]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)
Chloroform (67-66-3)	TWA	USA	"0.5 mg/m ³ TWA (as Sb)" As Antimony compounds [RR-00585-6]	U.S. - OSHA - Final PELs - Time Weighted Averages (TWAs)
Chloroform (67-66-3)	PEL-Ceiling	USA	"50 ppm Ceiling; 240 mg/m ³ Ceiling" As Chloroform [67-66-3]	U.S. - OSHA - Final PELs - Ceiling Limits
Chloroform (67-66-3)	TLV-TWA	USA	"10 ppm TWA" As Chloroform [67-66-3]	ACGIH - Threshold Limit Values - Time Weighted Averages (TLV-TWA)

8.2. Exposure Controls

Engineering Controls: Use only outdoors or in a well-ventilated area. A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limit.

Respiratory Protection: If the exposure limit is exceeded, a full facepiece respirator equipped with organic vapor cartridge should 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. If the exposure limit is exceeded, a full facepiece respirator equipped with organic vapor cartridge should 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 liquid

Physical State: Liquid

Odor: Data not available.

Odor Threshold: Data not available.

pH: < 2

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: 1.2

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.

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

Alkali metals (Sodium, Potassium, Lithium), strong caustics and oxidizers, chromic acid, sodium peroxide, nitric acid, perchloric acid.

10.4. Hazardous Decomposition Products

Will not occur.

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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:

LD50, Oral, Rat: (Chloroform) 695 mg/kg, behavioral and respiratory effects noted; LD50, Dermal, Rabbit: >20,000 mg/kg, details of toxic effects not reported other than lethal dose value. Investigated as a tumorigen. LD50, Oral, Rat (Acetic Acid): 3310 mg/kg; LD50, Dermal, Rabbit (Acetic Acid): 1.06 g/kg, details of toxic effects not reported other than lethal dose value; LC50, Inhalation, Mouse (Acetic Acid): 5620 ppm/1 hr., eye and blood effects noted.

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 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:

Suspected of causing cancer. 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 regulations.

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Reproductive Toxicity:

Suspected of damaging fertility 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 regulations.

Specific Target Organ Toxicity from Single Exposure:

Not applicable.

Specific Target Organ Toxicity from Repeated Exposure:

Causes damage to organs through prolonged or repeated exposure. 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. 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.

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: 4 L

UN Number: UN2922

Proper Shipping Name: Corrosive liquids, toxic, n.o.s. (Acetic Acid, Chloroform)

Hazard Class: 8 (6.1)

Packing Group: II

Hazard Label(s):



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

Sizes: 4 L

UN Number: UN2922

Proper Shipping Name: Corrosive liquid, toxic, n.o.s. (Acetic Acid, Chloroform)

Hazard Class: 8 (6.1)

Packing Group: II

Hazard Label(s):



14.3 Transportation of Dangerous Goods (TDG, Canada)

Sizes: 4 L

UN Number: UN2922

Proper Shipping Name: CORROSIVE LIQUIDS, TOXIC, N.O.S. (acetic acid, chloroform)

Hazard Class: 8 (6.1)

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

Chloroform (CAS # 67-66-3): "10 lb EPCRA RQ" As Chloroform [67-66-3]

Chloroform (CAS # 67-66-3): "10000 lb TPQ" As Chloroform [67-66-3]

Chloroform (CAS # 67-66-3): 10 lb EPCRA RQ

Chloroform (CAS # 67-66-3): 10000 lb TPQ

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

Acetic Acid (CAS # 64-19-7): "5000 lb final RQ

Acetic Acid (CAS # 64-19-7): 2270 kg final RQ

Acetic Acid (CAS # 64-19-7): 2270 kg final RQ" As Acetic acid [64-19-7]

Acetic Acid (CAS # 64-19-7): 5000 lb final RQ

Chloroform (CAS # 67-66-3): "10 lb final RQ

Chloroform (CAS # 67-66-3): 10 lb final RQ

Chloroform (CAS # 67-66-3): 4.54 kg final RQ

Chloroform (CAS # 67-66-3): 4.54 kg final RQ" As Chloroform [67-66-3]

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

Chloroform (CAS # 67-66-3): "0.1 % de minimis concentration" As Chloroform [67-66-3]

Chloroform (CAS # 67-66-3): "1.0 % de minimis concentration (includes any unique chemical substance that contains Antimony as part of that chemical infrastructure, listed under Chemical Category N010)" As Antimony compounds [RR-00585-6]

Chloroform (CAS # 67-66-3): 0.1 % de minimis concentration

15.5. Massachusetts Right-to-Know Substance List

Acetic Acid (CAS # 64-19-7): "Present (including glacial)" As Acetic acid [64-19-7]

Acetic Acid (CAS # 64-19-7): Present (including glacial)

Chloroform (CAS # 67-66-3): "Carcinogen

Chloroform (CAS # 67-66-3): Carcinogen

Chloroform (CAS # 67-66-3): Extraordinarily hazardous

Chloroform (CAS # 67-66-3): Extraordinarily hazardous" As Chloroform [67-66-3]



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15.6. Pennsylvania Right-to-Know Hazardous Substances

Acetic Acid (CAS # 64-19-7): "Environmental hazard"
Acetic Acid (CAS # 64-19-7): "Environmental hazard (including water solutions)" As Acetic acid [64-19-7]
Acetic Acid (CAS # 64-19-7): Environmental hazard
Acetic Acid (CAS # 64-19-7): Environmental hazard (including water solutions)
Acetic Acid (CAS # 64-19-7): Environmental hazard (water solutions)
Acetic Acid (CAS # 64-19-7): Environmental hazard (water solutions)" As Acetic acid [64-19-7]
Chloroform (CAS # 67-66-3): "Environmental hazard"
Chloroform (CAS # 67-66-3): "Environmental hazard" As Antimony compounds [RR-00585-6]
Chloroform (CAS # 67-66-3): "Environmental hazard" As Halomethanes [RR-00327-0]
Chloroform (CAS # 67-66-3): "Environmental hazard" As Methane, trichloro- [67-66-3]
Chloroform (CAS # 67-66-3): "Special hazardous substance" As Methane, trichloro- [67-66-3]
Chloroform (CAS # 67-66-3): Environmental hazard
Chloroform (CAS # 67-66-3): Special hazardous substance
Chloroform (CAS # 67-66-3): Special hazardous substance" As Methane, trichloro- [67-66-3]

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

Acetic Acid (CAS # 64-19-7): "corrosive" As Acetic acid [64-19-7]
Acetic Acid (CAS # 64-19-7): "sn 0004" As Acetic acid [64-19-7]
Acetic Acid (CAS # 64-19-7): corrosive
Acetic Acid (CAS # 64-19-7): sn 0004
Chloroform (CAS # 67-66-3): "carcinogen" As Chloroform [67-66-3]
Chloroform (CAS # 67-66-3): "SN 0388 500 lb TPQ" As Chloroform [67-66-3]
Chloroform (CAS # 67-66-3): "sn 0388" As Chloroform [67-66-3]
Chloroform (CAS # 67-66-3): "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]
Chloroform (CAS # 67-66-3): "sn 2223" As Antimony compounds [RR-00585-6]
Chloroform (CAS # 67-66-3): carcinogen
Chloroform (CAS # 67-66-3): sn 0388
Chloroform (CAS # 67-66-3): SN 0388 500 lb TPQ

15.8. California Proposition 65

Chloroform (CAS # 67-66-3): "20 µg/day NSRL (oral)"
Chloroform (CAS # 67-66-3): "carcinogen, 10/1/1987" As Chloroform [67-66-3]
Chloroform (CAS # 67-66-3): "developmental toxicity, 8/7/2009" As Chloroform [67-66-3]
Chloroform (CAS # 67-66-3): 20 µg/day NSRL (oral)
Chloroform (CAS # 67-66-3): 40 µg/day NSRL (inhalation)
Chloroform (CAS # 67-66-3): 40 µg/day NSRL (inhalation)" As Chloroform [67-66-3]
Chloroform (CAS # 67-66-3): carcinogen, 10/1/1987
Chloroform (CAS # 67-66-3): developmental toxicity, 8/7/2009



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

Acetic Acid (CAS # 64-19-7): "Present" As Acetic acid [64-19-7] (DSL)
Acetic Acid (CAS # 64-19-7): "Present" As Carboxylic acids, C1-5 [68937-68-8] (NDSL)
Acetic Acid (CAS # 64-19-7): Present (DSL)
Acetic Acid (CAS # 64-19-7): Present (NDSL)
Chloroform (CAS # 67-66-3): "Present" As Chloroform [67-66-3] (DSL)
Chloroform (CAS # 67-66-3): 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.

Acetic Acid (CAS # 64-19-7): "Present (ACTIVE)" As Acetic acid [64-19-7]
Acetic Acid (CAS # 64-19-7): Present (ACTIVE)
Chloroform (CAS # 67-66-3): "Present (ACTIVE)" As Methane, trichloro- [67-66-3]
Chloroform (CAS # 67-66-3): Present (ACTIVE)

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

Acetic Acid (CAS # 64-19-7): "200-580-7" As Acetic acid [64-19-7]
Acetic Acid (CAS # 64-19-7): 200-580-7
Acetic Acid (CAS # 64-19-7): 273-079-4
Chloroform (CAS # 67-66-3): "200-663-8" As Chloroform [67-66-3]
Chloroform (CAS # 67-66-3): 200-663-8

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SECTION 16: Other Information

16.1. Full Text of Hazard Statements and Precautionary Statements

Harmful if swallowed. Causes severe skin burns and eye damage. Toxic if inhaled. Suspected of causing cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. 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. IF exposed or concerned: Get medical attention. Get medical attention if you feel unwell. Specific treatment (Wash areas of contact with water). 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.

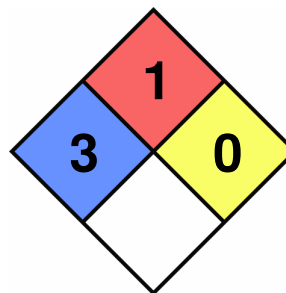
Physical Hazards Not Otherwise Classified (PHNOC): Not Applicable.

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

Biohazardous Infectious Materials Hazard Class: Not Applicable.

16.3. National Fire Protection Association (NFPA) Rating

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



16.4. Document Revision

Last Revision Date: 2026-01-12

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.