

Product 7424  
 Revision Date 06/11/2015  
 Revision 2



## Safety Data Sheet

### SECTION 1: IDENTIFICATION

**Product Name** 7424  
**Identifier Uses** Microbiocide.

**Supplier** Chemicals Inc.  
 13560 Colombard Court  
 Fontana, California 92337  
 Tel: 951-681-9697

**Contact Person** info@cheminc.com  
**Emergency Telephone** 24-HOUR EMERGENCY TELEPHONE: INFOTRAC: 1-800-535-5053 INTERNATIONAL#: 1-352-323-3500

### SECTION 2: HAZARDS IDENTIFICATION

**Appearance** Liquid  
**Color** Clear, colorless to light green  
**Odor** Pungent

**Pictogram(s)**



**Signal Word** Danger

**Hazard Statements** H314 Causes severe skin burns and eye damage H317 May cause an allergic skin reaction

**Precautionary Statements** P280 Wear protective gloves/ protective clothing/eye protection/face protection.  
 P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position 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 doctor/physician

**Contains** 5-chloro-2-methyl-2H-isothiazol-3-one 2-methyl-2H-isothiazol-3-one acetic acid ... %

**GHS Classification**  
**Physical and Chemical Hazards** Not classified  
**Human Health** Skin Corr. 1B - H314, Skin. Sens 1 A- H317  
**Environment** Not classified

**OSHA Regulatory Status** This product is Hazardous under the OSHA Hazard communication Standard.

**Inhalation**

Inhalation of high concentrations of vapors may cause irritation of the respiratory tract with sore throat, coughing, shortness of breath, possible chest pain.

**Ingestion**

Do not ingest. Exposure to liquid product may cause moderate to severe irritation to inner linings of mouth, esophagus and gastrointestinal tract, and possible burns.

**Skincontact**

Corrosive! Can cause redness, pain, and severe skin burns. May cause skin burns, irritation, and possible allergic reaction.

**Eye contact**

Causes

Extreme irritation of eyes and mucous membranes, including burning and tearing.

**Routes of Exposure**                      serious eye damage.  
No Information available.

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### SECTION 3: COMPSITION / INFORMATION ON INGREDIENTS

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**Composition Comments**                      Confidential business information has been removed without affecting the overall safety  
information on the safety data sheet.

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### SECTION 4: FIRST AID MEASURES

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#### Description of first aid measures

##### **General Information**

**Inhalation**                                      Remove victim immediately from source of exposure. Keep the affected person warm and at rest. Get prompt medical attention.

**Ingestion**                                      NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Get medical attention immediately!

**Skincontact**                                      Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

**Eye contact**                                      Do not rub eye. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention immediately. Continue torinse.

#### Most important symptoms and effects, both acute and delayed

##### **General Information**

**Inhalation**                                      Inhalation of high concentrations of vapors may cause irritation of the respiratory tract with sore throat, coughing, shortness of breath, possible chest pain.

**Ingestion**                                      Do not ingest. Exposure to liquid product may cause moderate to severe irritation to inner linings of mouth, esophagus and gastrointestinal tract, and possible burns.

**Skincontact**                                      Corrosive! Can cause redness, pain, and severe skin burns. May cause skin burns, irritation, and possible allergic reaction.

**Eye contact**                                      Extreme irritation of eyes and mucous membranes, including burning and tearing. Causes serious eye damage.

**Routes of Exposure**                              No Information available.

#### Most important symptoms and effects, both acute and delayed

**Notes to the Physician**                      Treat Symptomatically.

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### SECTION 5: FIREFIGHTING MEASURES

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**Auto Ignition Temperature (°C)**                      No Information available. **Flammability Limit - Lower (%)**                      No Information available. **Flammability Limit - Upper (%)**                      No Information available. **Flash point**                      No Information available.

**Extinguishing Media**                                      Use fire-extinguishing media appropriate for surrounding materials. Water spray, foam, dry powder or carbon dioxide.

**Hazardous combustion products**                      Combustion may lead to the release of hydrogen chloride and oxides of sulfur.

**Unusual Fire & Explosion Hazards**                      Fire may cause irritating or corrosive fumes. Do NOT breathe fumes. Heating or fire can release toxic gas.

**Special Fire Fighting Procedures**                      Use water to cool containers exposed to a fire.

**Protective equipment for fire-fighters**                      Wear full protective clothing and self-contained breathing apparatus operated in the positive- pressure demand, suitable gloves and boots.

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### SECTION 6: ACCIDENTAL RELEASE MEASURES

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**Personal Precautions**

respiratory

For personal protection, see section 8. In case of inadequate ventilation, use

protection. Do not smoke, use open fire or other sources of ignition. In case of spills, beware of slippery floors and surfaces.

**Environmental Precautions**

Keep out of drains, municipal sewers, open bodies of water and water course.

**Spill Clean Up Methods**

Absorb in

Restrict non-essential personnel from the area. Stop leak if possible without risk.

vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean

spillage area. Do not contaminate water sources or sewer. Place into chemical waste container for disposal according to local, state or federal regulations. Neutralize residue with lime or soda ash and flush spill area. **DO NOT TOUCH SPILLED MATERIAL!** Wash thoroughly after dealing with a spillage.

**SECTION 7: HANDLING AND STORAGE**

**Handling** Use proper personal protection when handling. Provide good ventilation. Avoid contact with skin and eyes and clothing. Do not use contact lenses. Avoid inhalation of vapors and mists. Avoid prolonged or repeated contact Do NOT ingest. Wash thoroughly after handling. Rinse container before disposal.

**Usage Description** Use only according to directions.

**Storage Precautions and** Keep container tightly closed. Do not store in heat or direct sunlight. Keep in dry, cool, well ventilated place. The recommended storage temperature is 34°F to 129 °F, preferably at room temperature 70 °F Store closed containers in a cool, dry, well-ventilated area away from incompatible materials. Keep away from Oxidizing agents, reducing agents, Mercaptans and amines. Keep away from oxides of sulfur and hydrogen chloride.

**Specific End Use(s)** The identified uses are in section 1 of this Safety Data Sheet.

**SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Protective Equipment**



Component	STD	TWA (8 Hrs.)		STEL (15mins)		Notes
acetic acid ... %	OSHA	10ppm	25mg/m3			

**Ingredient Comments** OSHA

**Process Conditions** Provide eyewash, quick drench.

**Engineering Measures** Provide adequate ventilation. Observe Occupational Exposure Limits and minimize the risk of inhalation of vapors.

**Respiratory Equipment** Use of respirator protection is not generally required. However, if exposure is above the stated limits or ventilation is inadequate, use a NIOSH approved acid gas/organic vaporrespirator to reduce potential for inhalation exposure. When using respirator cartridges, they must be changed frequently to assure breakthrough exposure does not occur.

**Hand Protection** When handling this product, it is recommended to wear chemical resistant gloves. The choice of suitable protective gloves depends on work conditions and what chemicals are handled, but we have positive experience with gloves made of Rubber or PVA.

**Eye Protection** To avoid contact with eyes, use safety glasses or chemical splash goggles. Face shield is recommended. Eye wash station should be available in the work area.

**Hygiene Measures** DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**Information on Basic Physical and Chemical Properties**

<b>Appearance</b>	Liquid
<b>Color</b>	Colorless to light green
<b>Odor</b>	Pungent
<b>Odor Threshold - Lower</b>	No Information available.
<b>Odor Threshold - Upper</b>	No Information available.
<b>pH-Value, Conc. Solution</b>	4.0
<b>Melting point</b>	32.0 °F
<b>Initial boiling point and boiling range</b>	212.0 °F

<b>Flashpoint</b>	No Information available.
<b>Evaporation rate</b>	0.0
<b>Flammability State</b>	No Information
available. <b>Flammability Limit - Lower (%)</b>	No
Information available. <b>Flammability Limit - Upper (%)</b>	No
Information available. <b>Vapor pressure</b>	0.1 mm Hg 0.0
<b>Vapor density (air=1)</b>	No Information available
<b>Relative density</b>	1.02 @ 68.0 °F
<b>Bulk Density</b>	No Information available.
<b>Solubility</b>	Completely soluble in water.
<b>Decomposition temperature</b>	No Information
available. <b>Partition coefficient; n-octanol/water</b>	No
Information available. <b>Auto Ignition Temperature (°C)</b>	No
Information available. <b>Viscosity</b>	No Information
available	
<b>Explosive Properties</b>	No information available.
<b>Oxidizing properties</b>	No Information available
<b>Molecular Weight</b>	No Information available
<b>Volatile Organic Compound</b>	No Information available

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## SECTION 10: STABILITY AND REACTIVITY

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<b>Reactivity</b>	Reaction with oxidizing agents, reducing agents, mercaptans and amines.
<b>Stability</b>	This product is stable at ambient temperatures and atmospheric pressures.
<b>Hazardous Polymerization</b>	Hazardous polymerization is not expected to occur under normal temperatures and pressures.
<b>Hazardous Decomposition Products of</b>	Hazardous decomposition may result in the release of Hydrogen chloride and oxides of sulfur.
<b>Conditions to Avoid</b>	Avoid exposing to heat and contact with strong oxidizing substances.
<b>Materials to Avoid</b>	Avoid contact with oxidizing agents, reducing agents, mercaptans and amines. Do not mix with other chemicals unless listed on directions.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### Toxicological Information

<b>Acute Toxicity (Oral LD50)</b>	2350.00mg/kg Rat
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**Acute Toxicity (Dermal LD50)** >2000.00mg/kg Rabbit  
**Acute Toxicity (Inhalation LC50)** 1195.00mg/l (vapors) Rabbit

**Skin Corrosion/Irritation**

**Respiratory Sensitization** No Information available.  
**Skin Sensitization** No Information available.  
**Reproductive Toxicity:** No Information available.  
**Germ Cell Mutagenicity:**  
**Geno toxicity - In Vitro**



**Geno toxicity - InVivo****Carcinogenicity:**

<b>Carcinogenicity</b>	0.0
<b>NTP - Carcinogenicity</b>	The product and its components are not listed.
<b>OSHA - Carcinogenicity</b>	The product and its components are not listed.
<b>IARC Carcinogenicity</b>	The product and its components are not listed.

**Specific Target Organ Toxicity - Single Exposure:**

**STOT - Single Exposure** No Information available.

**Specific Target Organ Toxicity - Repeated Exposure:**

**STOT - Repeated Exposure** No Information available.

**SECTION 12: ECOLOGICAL INFORMATION****Ecotoxicity**

<b>Acute Toxicity - Fish</b>	LC50 96 Hours 0.19ppm Onchorhynchus mykiss (Rainbow Trout)
<b>Acute Toxicity - Aquatic Invertebrates</b>	LC50 48 Hours 0.16ppm Daphnia magna
<b>Acute Toxicity - Aquatic Plants</b>	EC50 72 Hours 0.02ppm

**Degradability****Bioaccumulative Potential**

**Mobility** Completely soluble in water.

**Results of PBT and vPvB Assessment** The product does not contain any PBT or vPvB substances.

**Other Adverse Effects****SECTION 13: DISPOSAL CONSIDERATIONS**

<b>Waste Management</b>	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
<b>Disposal Methods</b>	Do NOT dump into any sewers, on the ground or into any body of water. Rinse containers before disposal. Since emptied containers contain product residue, follow label warnings even after container is emptied.

**SECTION 14: TRANSPORT INFORMATION**

<b>UN No. (DOT/TDG)</b>	3265 - CORROSIVE LIQUID, ACIDIC, ORGANIC, (5-Chloro-2-methyl-4-isothiazolin-3-one)
<b>UN No. (IMDG)</b>	3265 - CORROSIVE LIQUID, ACIDIC, ORGANIC, (5-Chloro-2-methyl-4-isothiazolin-3-one)
<b>UN No. (ICAO)</b>	3265 - Corrosive liquid, acidic, organic ( 5-Chloro-2-methyl-4-isothiazolin-3-one)
<b>DOT Proper Shipping Name</b>	3265 - CORROSIVE LIQUID, ACIDIC, ORGANIC, (5-Chloro-2-methyl-4-isothiazolin-3-one)
<b>TDG Proper Shipping Name</b>	3265 - CORROSIVE LIQUID, ACIDIC, ORGANIC, (5-Chloro-2-methyl-4-isothiazolin-3-one)
<b>DOT Hazard Class</b>	8
<b>DOT Hazard Label</b>	Class 8 - Corrosive
<b>TDG Class</b>	8
<b>TDG Label(s)</b>	8

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<b>IMDG Class</b>	8
<b>ICAO Class</b>	8
<b>Transport Labels</b>	



<b>DOT PackGroup</b>	II
<b>IMDG Pack Group</b>	II
<b>Air Pack Group</b>	II
<b>EMS</b>	F-A, S-B
<b>Environmentally Hazardous Substance/Marine Pollutant</b>	No

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## SECTION 15: REGULATORY INFORMATION

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### US Federal Regulations

#### **SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

The Following ingredients are listed acetic acid ... %

#### **CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)**

The Following ingredients are listed acetic acid ... %

#### **SARA Extremely Hazardous Substances EPCRA Reportable Quantities**

The Following ingredients are listed acetic acid ... %

#### **SARA 313 Emission Reporting**

The Following ingredients are listed acetic acid ... %

#### **CAA Accidental Release Prevention**

The Following ingredients are listed acetic acid ... %

#### **OSHA Highly Hazardous Chemicals**

The Following ingredients are listed acetic acid ... %

### US State Regulations

#### **California Proposition 65 Carcinogens and Reproductive Toxins**

The Following ingredients are listed

#### **California Air Toxics "Hot Spots" (A-I)**

The Following ingredients are listed

#### **California Air Toxics "Hot Spots" (A-Ii)**

The Following ingredients are listed

#### **Massachusetts "Right To Know" List**

The Following ingredients are listed magnesium nitrate

#### **Rhode Island "Right To Know" List**

The Following ingredients are listed acetic acid ... %

#### **Minnesota "Right To Know" List**

The Following ingredients are listed acetic acid ... %

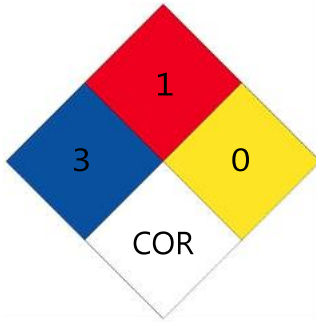
#### **New Jersey "Right To Know" List**

The Following ingredients are listed magnesium nitrate  
acetic acid ... %



**SECTION 16: OTHER INFORMATION**

**NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)**



**HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)**

Health	3
Flammability	1
Physical Hazard	0
Personal Protection	H

**Disclaimer**

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.