

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 Colombar 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
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Hazard Statements	H314 Causes severe skin burns and eye damage H317 May cause an allergic skin reaction
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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
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Contains	5-chloro-2-methyl-2H-isothiazol-3-one 2-methyl-2H-isothiazol-3-one acetic acid ... %
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GHS Classification	Not classified
Physical and Chemical Hazards	Skin Corr. 1B - H314, Skin. Sens 1 A- H317
Human Health	Not classified
Environment	Not classified

OSHA Regulatory Status	This product is Hazardous under the OSHA Hazard communication Standard.
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Inhalation	Inhalation of high concentrations of vapors may cause irritation of the respiratory tract with sore throat, coughing, shortness of breath, possible chest pain.
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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.
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Skin contact	Corrosive! Can cause redness, pain, and severe skin burns. May cause skin burns, irritation, and possible allergic reaction.
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Eye contact	Extreme irritation of eyes and mucous membranes, including burning and tearing. Causes
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Routes of Exposure	serious eye damage. No Information available.
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SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

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

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!
Skin contact	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 to rinse.

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.
Skin contact	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

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

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions	For personal protection, see section 8. In case of inadequate ventilation, use respiratory 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	Restrict non-essential personnel from the area. Stop leak if possible without risk. Absorb in 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 Storage Precautions	Use only according to directions. Keep container tightly closed. Do not store in heat or direct sunlight. Keep in dry, cool, and 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 Engineering Measures	Provide eyewash, quick drench. 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 vapor respirator 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

Information on Basic Physical and Chemical Properties

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

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

SECTION 10: STABILITY AND REACTIVITY

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

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicological Information

Acute Toxicity (Oral LD50)	2350.00mg/kg Rat
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 - In Vivo

Carcinogenicity:	0.0
Carcinogenicity	0.0
NTP - Carcinogenicity	The product and its components are not listed.
OSHA - Carcinogenicity	The product and its components are not listed.
IARC Carcinogenicity	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**

Acute Toxicity - Fish	LC50 96 Hours 0.19ppm Onchorhynchus mykiss (Rainbow Trout)
Acute Toxicity - Aquatic Invertebrates	LC50 48 Hours 0.16ppm Daphnia magna
Acute Toxicity - Aquatic Plants	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**

Waste Management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Disposal Methods	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

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



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

SECTION 15: REGULATORY INFORMATION

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

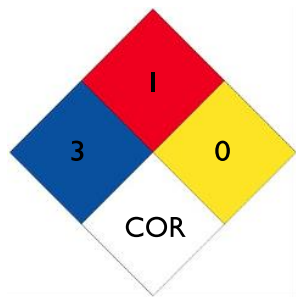
The Following ingredients are listed magnesium nitrate
acetic acid ... %

Pennsylvania "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.