



Issuing Date 2/16/2012

Revision Number 0

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name ZINC ACETATE, 2N

Product Code(s) 3843

Recommended Use Test kit reagent. Laboratory chemicals. Industrial (not for food or food contact use).

Company LaMotte Company, Inc.
802 Washington Avenue
P.O. Box 329
Chestertown, MD 21620
USA

Emergency Telephone Number 24 Hour Emergency Number (CHEM-TEL):
USA, Canada, Puerto Rico 1-800-255-3924
Outside North American Continent (Call collect) 813-248-0585

2. HAZARDS IDENTIFICATION

WARNING!**Emergency Overview**

Harmful if swallowed

Irritating to eyes

Irritating to skin

Appearance Clear, colorless**Physical State** Liquid**Odor** Slight, Vinegar**Potential Health Effects****Principle Routes of Exposure**

Eye contact, Skin contact, and, Ingestion.

Acute Toxicity**Eyes**

May cause irritation.

Skin

May cause irritation. May be harmful in contact with skin.

Inhalation

May cause irritation.

Ingestion

Harmful if swallowed.

Chronic Effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS-No	Weight %
Acetate, zinc, dihydrate	5970-45-6	22
Water, distilled	7732-18-5	to 100%

4. FIRST AID MEASURES

General Advice

Do not get in eyes, on skin, or on clothing. Show this safety data sheet to the doctor in attendance.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists or develops, contact a physician.

Skin Contact	Wash off immediately with soap and plenty of water for at least 15 minutes. Remove and wash contaminated clothing before re-use. If irritation develops or persists, consult physician.
Inhalation	Move to fresh air.
Ingestion	Never give anything by mouth to an unconscious person. Drink plenty of water. Consult a physician.
Protection of First-aiders	Use personal protective equipment. See Section 8 for more detail. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device.

5. FIRE-FIGHTING MEASURES

Flammable Properties	Not a fire hazard. Not applicable.			
Flash Point	Not applicable			
Suitable Extinguishing Media	Water spray, dry chemical, carbon dioxide (CO ₂), or foam.			
Explosion Data				
NFPA	Health Hazard 1	Flammability 0	Stability 0	Physical and Chemical Hazards N/A
HMIS	Health Hazard 1	Flammability 0	Stability 0	

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Ensure adequate ventilation.
Methods for Containment	Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13). Dispose according to local regulations, if permitted dissolve in water and rinse to drain.
Methods for Cleaning Up	After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling	Handle in accordance with good industrial hygiene and safety practice. Prevent contact with skin, eyes, and clothing. Do not ingest.
Storage	Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep away from heat. Store at room temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Acetate, zinc, dihydrate 5970-45-6	None Known	None Known	None Known
Water, distilled 7732-18-5	None Known	None Known	None Known

Engineering Measures	Ensure that eyewash stations and safety showers are close to the workstation location.
Personal Protective Equipment	
Eye/Face Protection	Safety glasses with side-shields.

Skin and Body Protection

Wear protective gloves/clothing.

Respiratory Protection

Maintain adequate ventilation.

Hygiene Measures

Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes and clothing. Wash hands and face before breaks and immediately after handling the product. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Clear, colorless

Odor

Slight, Vinegar

Physical State

Liquid

pH

5

Flash Point

Not applicable

Boiling Point/Range

ca. 100°C/212°F Loses water at 100°C/212°F

Freezing Point

No information available

Solubility

Soluble

Evaporation Rate

No data available

Vapor Pressure

No data available

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions of use and storage.

Incompatible Products

Strong oxidizing agents.

Conditions to Avoid

Excessive heat.

Hazardous Decomposition Products Thermal decomposition can lead to release of irritating gases and vapors. Zinc Oxides.

Hazardous Polymerization

Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Acetate, zinc, dihydrate	794 mg/kg (Rat)	None Known	None Known
Water, distilled	None Known	None Known	None Known

Chronic Toxicity

Chemical Name	ACGIH	IARC	NTP	OSHA
Acetate, zinc, dihydrate	None Known	None Known	None Known	None Known
Water, distilled	None Known	None Known	None Known	None Known

Endocrine Disruptor Information

Chemical Name	EU - Endocrine Disruptors Candidate List	EU - Endocrine Disruptors - Evaluated Substances	Japan - Endocrine Disruptor Information
Acetate, zinc, dihydrate	None Known	None Known	None Known
Water, distilled	None Known	None Known	None Known

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical Name	Toxicity to Algae	Toxicity to Fish	Microtox	Daphnia Magna (Water Flea)
Acetate, zinc, dihydrate	None Known	None Known	None Known	None Known
Water, distilled	None Known	None Known	None Known	None Known

Chemical Name	Log Pow
Acetate, zinc, dihydrate	None Known
Water, distilled	None Known

13. DISPOSAL CONSIDERATIONS

Waste Disposal Method Dispose of in accordance with local regulations.

Contaminated Packaging Dispose of in accordance with local regulations.

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
Acetate, zinc, dihydrate - 5970-45-6	None Known	None Known	None Known	None Known
Water, distilled - 7732-18-5	None Known	None Known	None Known	None Known

14. TRANSPORT INFORMATION

DOT Not regulated

IATA Not regulated

IMDG/IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

Component	TSCA	DSL	EINECS/ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Acetate, zinc, dihydrate 5970-45-6 (22)	TSCA	X	EINECS/ELINCS	2-693	X	KECL	X	X
Water, distilled 7732-18-5 (to 100%)	Present	X	X	ENCS	X	KE-35400	X	X

U.S. Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS-No	Weight %	SARA 313 - Threshold Values %
Acetate, zinc, dihydrate	5970-45-6	22	1.0
Water, distilled	7732-18-5	to 100%	None Known

SARA 311/312 Hazard Categories

Acute Health Hazard	Yes
Chronic Health Hazard	No
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

Clean Water Act

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

Component	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Acetate, zinc, dihydrate 5970-45-6 (22)	None Known	X	None Known	None Known
Water, distilled 7732-18-5 (to 100%)	None Known	None Known	None Known	None Known

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain any HAPs.

Chemical Name	CAS-No	Weight %	HAPS data	VOC Chemicals	Class 1 Ozone Depletors	Class 2 Ozone Depletors
Acetate, zinc, dihydrate	5970-45-6	22	None Known	None Known	None Known	None Known
Water, distilled	7732-18-5	to 100%	None Known	None Known	None Known	None Known

CERCLA

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs
Acetate, zinc, dihydrate	None Known	None Known
Water, distilled	None Known	None Known

U.S. State Regulations

California Proposition 65

This product does not contain any Proposition 65 chemicals

Chemical Name	CAS-No	California Prop. 65
Acetate, zinc, dihydrate	5970-45-6	None Known
Water, distilled	7732-18-5	None Known

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Acetate, zinc, dihydrate	None Known	X	X	None Known	None Known
Water, distilled	None Known	None Known	None Known	None Known	None Known

International Regulations**Mexico - Grade**



Chemical Name	Carcinogen Status	Exposure Limits
Acetate, zinc, dihydrate	None Known	None Known
Water, distilled	None Known	None Known

Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

Component	WHMIS Hazard Class
Acetate, zinc, dihydrate 5970-45-6 (22)	Uncontrolled product according to WHMIS classification criteria
Water, distilled 7732-18-5 (to 100%)	Uncontrolled product according to WHMIS classification criteria

16. OTHER INFORMATION

NFPA	HMIS	PPE	Transport Symbol						
	<table><tr><td>Health Hazard</td><td>1</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health Hazard	1	Fire Hazard	0	Reactivity	0		
Health Hazard	1								
Fire Hazard	0								
Reactivity	0								

Prepared By Regulatory Affairs Department

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Revision Note

Initial Release

Disclaimer

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of MSDS