

## 1. IDENTIFICATION

<b>Product identifier</b>	
<b>Product Name</b>	<b>Lucas Cide CA</b>
<b>Other means of identification</b>	
<b>Product Code</b>	34810-35-3974
<b>Synonyms</b>	None
<b>Recommended use of the chemical and restrictions on use</b>	
<b>Recommended Use</b>	Hard Surface Disinfecting Cleaner. Do not dilute.
<b>Details of the supplier of the safety data sheet</b>	
<b>Manufacturer Address</b> 1101 Pelee St Toledo Ohio 43607	

<b>Emergency telephone number</b>	
<b>Company Phone Number</b>	419-476-5992
<b>Emergency Telephone</b>	Chemtrec 24-Hour U.S. Number: (800) 424-9300

## 2. HAZARDS IDENTIFICATION

<b>Classification</b>	
<b>OSHA Regulatory Status (29CFR1910,1200): Not Hazardous</b>	
Acute toxicity - Oral	Not classified Oral LD <sub>50</sub> (rat) > 5 g/kg body weight
Acute toxicity - Dermal	Not classified Dermal LD <sub>50</sub> (rabbit) > 5 g/kg body weight
Acute toxicity - Inhalation (Vapors)	Not classified LC <sub>50</sub> > 2.04 mg/L
Eye effects	Mildly irritating
Skin sensitization	Not a skin sensitizer

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<b>Substance</b>			
<b>Chemical Name</b>	<b>CAS No.</b>	<b>Weight-%</b>	
Citric Acid	77-92-9	0.6	

## 4. FIRST AID MEASURES

<b>Description of first aid measures</b>	
<b>Eye contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin contact</b>	Wash skin with soap and water.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	None under normal use conditions.
<b>Most important symptoms and effects, both acute and delayed</b>	

<b>Symptoms</b>	None known.
<b><u>Indication of any immediate medical attention and special treatment needed</u></b>	
<b>Note to physicians</b>	Treatments should be based on observed signs /symptoms of distress in the patient. The possibility of overexposure to materials other than this product should be considered.
<b>5. FIRE-FIGHTING MEASURES</b>	
<b><u>Suitable extinguishing media</u></b> Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.	
<b>Unsuitable extinguishing media</b>	Caution: Use of water spray when fighting fire may be inefficient.
<b><u>Specific hazards arising from the chemical</u></b> No information available.	
<b><u>Explosion data</u></b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.
<b><u>Protective equipment and precautions for firefighters</u></b> As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.	
<b>6. ACCIDENTAL RELEASE MEASURES</b>	
<b><u>Personal precautions, protective equipment and emergency procedures</u></b>	
<b>Personal precautions</b>	No special precautions are needed in handling this material.
<b><u>Environmental precautions</u></b>	
<b>Environmental precautions</b>	See Section 12 for additional ecological information.
<b><u>Methods and material for containment and cleaning up</u></b>	
<b>Methods for containment</b>	Large (industrial) release: Before attempting clean up. Refer to hazard data given.
<b>Methods for cleaning up</b>	Pick up and transfer to properly labeled containers.
<b>7. HANDLING AND STORAGE</b>	
<b><u>Precautions for safe handling</u></b>	
<b>Advice on safe handling</b>	Handle in accordance with good industrial hygiene and safety practice.
<b><u>Conditions for safe storage, including any incompatibilities</u></b>	
<b>Storage Conditions</b>	Keep container closed.
<b>Incompatible materials</b>	None known based on information supplied.
<b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b>	
<b><u>Control parameters</u></b>	

<b>Exposure Guidelines</b>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
<b><u>Appropriate engineering controls</u></b>	
<b>Engineering Controls</b>	None under normal use conditions.
<b><u>Individual protection measures, such as personal protective equipment</u></b>	
<b>Eye/face protection</b>	No special technical protective measures are necessary.
<b>Skin and body protection</b>	No special technical protective measures are necessary.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions.
<b>General Hygiene Considerations</b>	Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	

	Clear transparent to slightly cloudy liquid	
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<b>Color</b>	
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	Clear to opalescent liquid	
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<b>Odor</b>	
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	Fresh	
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<b>Odor threshold</b>	
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	No information available	
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<u>Property</u>	<u>Values</u>
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<b>pH</b>	2.00 - 2.3
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<b>Melting point/freezing point</b>	No information available
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<b>Boiling point / boiling range</b>	No information available
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<b>Flash point</b>	None to boiling
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<b>Vapor density</b>	No information available
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<b>Specific Gravity</b>	1.010
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<b>Water solubility</b>	Complete (100%)
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<b>10. STABILITY AND REACTIVITY</b>	
<b>Reactivity</b>	
Not reactive under normal conditions	

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<b>Chemical stability</b> Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b> None under normal processing.
<b>Conditions to avoid</b> Extremes of temperature.
<b>Incompatible materials</b> None known based on information supplied.
<b>Hazardous Decomposition Products</b> None known based on information supplied.

<b>11. TOXICOLOGICAL INFORMATION</b>	
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<b>Information on likely routes of exposure</b>	
<b>Product Information</b>	Product does not present an acute toxicity hazard based on known or supplied information
<b>Inhalation</b>	No known effect.
<b>Eye contact</b>	Mildly irritating to the eyes.
<b>Skin contact</b>	No known hazard in contact with skin.
<b>Ingestion</b>	No data available.

<b>Delayed and immediate effects as well as chronic effects from short and long-term exposure</b>	
<b>Sensitization</b>	Not a contact sensitizer (U.S. EPA Health Effects Test Guidelines, OPPTS 870.2600).

<b>12. ECOLOGICAL INFORMATION</b>	
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<b>Ecotoxicity</b>	No data currently available
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### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal of wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging** Do not reuse container.

### 14. TRANSPORT INFORMATION

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

### 15. REGULATORY INFORMATION

#### International Inventories

**TSCA** Complies

**DSL/NDSL** Complies

**IECSC** Complies

#### Legend:

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**IECSC** - China Inventory of Existing Chemical Substances

#### US Federal Regulations

##### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

##### SARA 311/312 Hazard Categories

<b>Acute health hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

##### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

##### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

#### US State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

N/A

**U.S. EPA Label Information**

EPA Pesticide Registration Number 34810-35

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

**NFPA**

Health hazards 0

Flammability 0

Instability 0

Physical and Chemical Properties  
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**HMIS**

Health hazards 0

Flammability 0

Physical hazards 0

Personal protection  
X

Issue Date

24-Jul-2020

Revision Date

**Disclaimer**

The information provided in this Material Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered 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 materials or in any process, unless specified in the text.

**End of Safety Data Sheet**

