

Date 24-Jul-2020

Rev 0

1. IDENTIFICATION**Product identifier****Product Name** CleanCide Ready to Use Disinfectant**Other means of identification****Product Code** 34810-35**Synonyms** None**Recommended use of the chemical and restrictions on use****Recommended Use** Hard Surface Disinfecting Cleaner. Do not dilute.**Details of the supplier of the safety data sheet****Manufacturer Address**325 Leffingwell Avenue
Kirkwood, MO 63122**Emergency telephone number****Company Phone Number** 314-966-4134

US Toll-free: 800-506-1146

Emergency Telephone Chemtrec 24-Hour U.S. Number: (800) 424-9300**2. HAZARDS IDENTIFICATION****Classification****OSHA Regulatory Status (29CFR1910,1200):** Not Hazardous

Acute toxicity - Oral	Not classified Oral LD ₅₀ (rat) > 5 g/kg body weight
Acute toxicity - Dermal	Not classified Dermal LD ₅₀ (rabbit) > 5 g/kg body weight
Acute toxicity - Inhalation (Vapors)	Not classified LC ₅₀ > 2.04 mg/L
Eye effects	Mildly irritating
Skin sensitization	Not a skin sensitizer

3. COMPOSITION/INFORMATION ON INGREDIENTS**Substance**

Chemical Name	CAS No.	Weight-%
Citric Acid	77-92-9	0.6

4. FIRST AID MEASURES**Description of first aid measures**

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Inhalation	Remove to fresh air.
Ingestion	None under normal use conditions.

Most important symptoms and effects, both acute and delayed

Symptoms None known.

Indication of any immediate medical attention and special treatment needed

Note to physicians 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.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions No special precautions are needed in handling this material.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Large (industrial) release: Before attempting clean up. Refer to hazard data given.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container closed.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls None under normal use conditions.

Individual protection measures, such as personal protective equipment

Eye/face protection No special technical protective measures are necessary.

Skin and body protection No special technical protective measures are necessary.

Respiratory protection No protective equipment is needed under normal use conditions.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Clear transparent to slightly cloudy liquid
Color	Clear to opalescent liquid
Odor	Fresh
Odor threshold	No information available

<u>Property</u>	<u>Values</u>
pH	2.00 - 2.3
Melting point/freezing point	No information available
Boiling point / boiling range	No information available
Flash point	None to boiling
Vapor density	No information available
Specific Gravity	1.010
Water solubility	Complete (100%)

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information
Inhalation	No known effect.
Eye contact	Mildly irritating to the eyes.
Skin contact	No known hazard in contact with skin.
Ingestion	No data available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	Not a contact sensitizer (U.S. EPA Health Effects Test Guidelines, OPPTS 870.2600).
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12. ECOLOGICAL INFORMATION

Ecotoxicity

No data currently available

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

<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	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

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	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

<u>NFPA</u>	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
<u>HMIS</u>	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

Issue Date 19-Mar-2015

Revision Date 05-May-2021

Rev 5

1. IDENTIFICATION**Product identifier****Product Name** CleanCide Wipes**Other means of identification****Product Code** 3130LG-12, 3130M-12, 3130B-1200, 3130B-400, 3130C-160-CS, 3130FP-80**Synonyms** None**Recommended use of the chemical and restrictions on use****Recommended Use** Hard Surface Disinfecting, Cleaning Wipe. Do not dilute.**Details of the supplier of the safety data sheet****Supplier Address**325 Leffingwell Avenue
Kirkwood, MO 63122**Manufacturer Address**325 Leffingwell Avenue
Kirkwood, MO 63122**Emergency telephone number****Company Phone Number** 314-966-4134

US Toll-free: 800-506-1146

Emergency Telephone

Chemtrec 24-Hour U.S. Number: (800) 424-9300

2. HAZARDS IDENTIFICATION**Classification****OSHA Regulatory Status (29CFR1910,1200):** Not Hazardous

Acute toxicity - Oral	Not classified Oral LD50 (rat) > 5 g/kg body weight
Acute toxicity - Dermal	Not classified Dermal LD50 (rabbit) > 5 g/kg body weight
Acute toxicity - Inhalation (Vapors)	Not classified LCso > 2.04 mg/L
Serious eye damage/eye irritation	Mildly irritating
Skin sensitization	Not a skin sensitizer

3. COMPOSITION/INFORMATION ON INGREDIENTS**Substance**

Chemical Name	CAS No.	Weight-%
Citric Acid	77-92-9	0.6

4. FIRST AID MEASURES**Description of first aid measures**

Eye contact	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Skin contact	Wash skin with soap and water.
Inhalation	Remove to fresh air.
Ingestion	None under normal use conditions.

Most important symptoms and effects, both acute and delayed

Symptoms None known.

Indication of any immediate medical attention and special treatment needed

Note to physicians 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.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures**

Personal precautions No special precautions are needed in handling this material.

Environmental precautions

Environmental precautions See Section 12 for additional ecological information.

Methods and material for containment and cleaning up

Methods for containment Large (industrial) release: Before attempting clean up. Refer to hazard data given.

Methods for cleaning up Pick up and transfer to properly labeled containers.

7. HANDLING AND STORAGE**Precautions for safe handling**

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep container closed.

Incompatible materials None known based on information supplied.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Appropriate engineering controls

Engineering Controls None under normal use conditions.

Individual protection measures, such as personal protective equipment

Eye/face protection No special technical protective measures are necessary.

Skin and body protection No special technical protective measures are necessary.

Respiratory protection No protective equipment is needed under normal use conditions.

General Hygiene Considerations Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	Wet wipe
Appearance	Clear transparent liquid on white towelettes
Color	Clear transparent liquid on white towelettes
Odor	Fresh
Odor threshold	No information available

<u>Property</u>	<u>Values</u>
pH	2.00 - 2.4
Melting point/freezing point	No information available
Boiling point / boiling range	No information available
Flash point	None to boiling
Vapor density	No information available
Specific Gravity	1.010
Water solubility	Complete (100%)

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to avoid

Extremes of temperature.

Incompatible materials

None known based on information supplied.

Hazardous Decomposition Products

None known based on information supplied.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	Product does not present an acute toxicity hazard based on known or supplied information
Inhalation	No known effect.
Eye contact	Mildly irritating to the eyes.
Skin contact	No known hazard in contact with skin.
Ingestion	No data available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	Not a contact sensitizer (U.S. EPA Health Effects Test Guidelines, OPPTS 870.2600).
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12. ECOLOGICAL INFORMATION

Ecotoxicity

No data currently available

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

<u>DOT</u>	Not regulated
<u>IATA</u>	Not regulated
<u>IMDG</u>	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

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	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

U.S. EPA Label Information

EPA Pesticide Registration Number 34810-36

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

<u>NFPA</u>	Health hazards 0	Flammability 0	Instability 0	Physical and Chemical Properties -
<u>HMIS</u>	Health hazards 0	Flammability 0	Physical hazards 0	Personal protection X

Issue Date 19-Mar-2015
Revision Date 05-May-2021

Disclaimer

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End of Safety Data Sheet

1. IDENTIFICATION**Product identifier****Product Name** Ready To Use Thymo-Cide**Other means of identification****Product code** 2121-02**Recommended use of the chemical and restrictions on use****Recommended Use** Disinfectant, Deodorizer, Cleaner**Details of the supplier of the safety data sheet****Supplier Address**325 Leffingwell Avenue
Kirkwood, MO 63122**Manufacturer Address**325 Leffingwell Avenue
Kirkwood, MO 63122**Emergency telephone number****Company Phone Number**

314-966-4134

US Toll-free: 800-506-1146

24 Hour Emergency Phone Number

Chemtrec:(800) 424-9300

Emergency Telephone**2. HAZARD IDENTIFICATION****EMERGENCY OVERVIEW:**

The product contains no substances which at their given concentration, are considered to be hazardous to health.

Principle routes of exposure: Eye contact. Skin contact. Inhalation. Ingestion.**Potential Health Effects****Acute toxicity****Eyes: May cause irritation with direct contact.**

EPA toxicity category for ocular irritation is Class IV –no irritation

Skin Not irritating to the skin.**Inhalation** May cause irritation, not expected when used as directed.**Ingestion** Ingestion of large quantities may cause gastrointestinal irritation, nausea, vomiting and diarrhea.**Chronic Effects** No known effect based on information supplied.**Aggravated Medical Conditions** Preexisting eye disorders. Skin disorders. Respiratory disorders.**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	CAS Number	Weight %
Thymol	89-83-8	0.051

4. FIRST AID MEASURES

General advice Show this material safety data sheet to the doctor in attendance. When symptoms persist or in all cases of doubt seek medical advice.

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

Skin contact Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Use a mild soap if available. Call a physician if irritation develops or persists. If skin irritation persists, call a physician.

Inhalation No specific first aid measures are required

Ingestion No specific first aid measures are required.

Notes to physician All 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.

5. FIRE FIGHTING MEASURES

Flammable Properties: Not Flammable Liquid

Flash point: (Pensky-Martens Closed Cup) None to boiling

Suitable extinguishing media: Suitable to origin of fire.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge None.

Protective Equipment and Precautions for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Use appropriate containment to avoid environmental contamination. Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. Keep in suitable and closed containers for disposal. Use a water rinse for final clean-up

7. HANDLING AND STORAGE

Handling Procedures: Do not contaminate food, feed, or water by storage or disposal. No special handling requirements.

Storage Requirements: Keep container closed when not in use. Store at room temperature. Keep from freezing. Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Measures: None normally required. No special ventilation requirements.

Personal Protective Equipment:

Hand Protection None required.

Eye/Face Protection No special protective equipment required.

Skin and body protection No special protective equipment required.

Respiratory protection None required.

Hygiene measures: When using, do not eat, drink or smoke. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state Liquid

Odor Thymol

Color Cloudy opalescent liquid

Explosive properties no data available

Other information

Volatile organic compounds (VOC) content: <.25%

Melting/freezing point: As water

Property Values

pH 3.10-4.30

Boiling point/boiling range over 212 F

Flash Point None to Boiling

Evaporation rate no data available, as water

Vapor density no data available

Specific Gravity (water =1) 0.99 -1.01

Water solubility Soluble in water

10. STABILITY AND REACTIVITY

Stability/Reactivity Stable under recommended storage conditions.

Incompatible products None known based on information supplied.

Conditions to Avoid None known based on information supplied.

Hazardous Decomposition Products None

Hazardous Polymerization Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Oral LD50 (rat) > 5 g/kg body weight

Dermal LD50 (rabbit) > 5 g/kg body weight

Inhalation LC50 (of 256 concentrate) > 5.65 mg/liter for 4 hours

Carcinogens: No ingredients are listed by OSHA, IARC, or NTP as known or suspected carcinogens

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Persistence and degradability: No known or expected environmental concerns

Bioaccumulative potential No known or expected environmental concerns.

Mobility No known or expected environmental concerns.

Other adverse effects No known or expected environmental concerns.

13. DISPOSAL INFORMATION**Waste treatment methods**

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

14. TRANSPORTATION INFORMATION

DOT Not Regulated as Dangerous Goods

TDG Not Regulated as Dangerous Goods

MEX Not Regulated as Dangerous Goods

IATA Not Regulated as Dangerous Goods

IMDG Not Regulated as Dangerous Goods

Marine pollutant This product is not a marine pollutant according to IMDG/IMO

15. REGULATORY INFORMATION

HMIS CLASSIFICATION (H, F, R, PE): 0,0,0, NONE

WHMIS Classification (Canada): **Non-Hazardous** under **WHMIS**

International Inventories

TSCA Complies
DSL/NDSL Complies

Legend:

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

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

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

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (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)

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

International Regulations**Canada**

This product when tested as a whole is not a controlled substance within the meaning of the Hazardous Products Act. This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.

16. OTHER INFORMATION

NFPA	Health hazard 0	Flammability 0	Stability/Reactivity 0	Physical and chemical hazards 0
HMIS	Health Hazard 0	Flammability 0	Physical Hazard 0	Personal protection None

Revision Date 14-Jun-2018

Revision Note
No information available

Disclaimer

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End of Safety Data Sheet