

1. Product and Company Identification

Product Code: C800
Product Name: Cold Galvanize
Company Name: CYCLO INDUSTRIES, INC.
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477
Phone Number: (800)843-7813

Web site address: www.cyclo.com
Email address: ehs@cyclo.com

Emergency Contact: First Aid Emergency (800)752-7869
CHEMTREC (703) 527-3887 (800)424-9300
Information: First Aid Emergency (Outside U.S.) (312)906-6194

Intended Use: Fights Rust & Corrosion

2. Hazards Identification

Flammable Aerosols, Category 1
Substances, which in contact with water, emit flammable gases, Category 1
Acute Toxicity: Inhalation, Category 4
Acute Toxicity: Skin, Category 4
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Carcinogenicity, Category 1B
Specific Target Organ Toxicity (single exposure), Category 3
Aspiration Toxicity, Category 1
Germ Cell Mutagenicity, Category 1B



GHS Signal Word: **Danger**

GHS Hazard Phrases: H222: Extremely flammable aerosol.
H260: In contact with water releases flammable gases which may ignite spontaneously.
H304: May be fatal if swallowed and enters airways.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H336: May cause drowsiness or dizziness.
H340: May cause genetic defects.
H350: May cause cancer.
H410: Very toxic to aquatic life with long lasting effects.

GHS Precaution Phrases: P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P211: Do not spray on an open flame or any other ignition source.
P223: Keep from any possible contact with water, because of violent reaction and possible flash fire.
P231+232: Handle under inert gas, protect from moisture.
P251: Pressurized container: Do not pierce or burn, even after use.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P264: Wash hands thoroughly after handling.



SAFETY DATA SHEET

Cold Galvanize

- P271: Use only outdoors or in a well-ventilated area.
- P273: Avoid release to the environment.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P281: Use personal protective equipment as required.
- P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- P302+352: IF ON SKIN: Wash with plenty of soap and water.
- P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+313: IF exposed or concerned: Get medical attention/advice.
- P312: Call a POISON CENTER or doctor/physician if you feel unwell.
- P321: Specific treatment {see ... on this label}.
- P331: Do NOT induce vomiting.
- P332+313: If skin irritation occurs, get medical advice/attention.
- P335+334: Brush off loose particles from skin and immerse in cool water/wrap in wet bandages.
- P337+313: If eye irritation persists, get medical advice/attention.
- P362: Take off contaminated clothing and wash before re-use.
- P363: Wash contaminated clothing before reuse.
- P391: Collect spillage.

GHS Response Phrases:

GHS Storage and Disposal Phrases:

- P402+404: Store in a dry place and/or in closed container.
- P405: Store locked up.
- P410+412: Protect from sunlight and do not expose to temperatures exceeding 50 °C/122 °F.
- P501: Dispose of contents/container to {...}.

Potential Health Effects (Acute and Chronic):

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Medical Conditions Generally Aggravated By Exposure: Acute and chronic liver and kidney disease, anemia, coronary disease or rhythm disorders of the heart.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7440-66-6	Zinc	43.0 %
78-93-3	Methyl ethyl ketone	20.0 %
1330-20-7	Xylene (mixed isomers)	8.0 %
108-10-1	Methyl isobutyl ketone	7.0 %
8052-41-3	Stoddard solvent	2.0 %
100-41-4	Ethylbenzene	1.6 %
123-86-4	Butyl acetate	1.0 %
74-98-6	Propane	12.0 %



4. First Aid Measures

Emergency and First Aid Procedures: If swallowed, do not induce vomiting. If inhaled, remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. In case of skin contact, wipe off with towel. Wash with soap and water. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call physician immediately if adverse reaction occurs.

5. Fire Fighting Measures

Flammability Classification: Level 3 Aerosol
Flash Pt: -156.00 F (-104.4 C) Method Used: Estimate
Explosive Limits: LEL: .7 UEL: 15
Autoignition Pt: No data.
Suitable Extinguishing Media: Foam, CO2, dry chemical, water fog.
Fire Fighting Instructions: Water spray may be ineffective. Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used, fog nozzles preferred. Wear goggles and self-contained breathing apparatus.
Flammable Properties and Hazards: Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Vapor accumulation can flash or explode if ignited. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention.
Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Avoid breathing vapors. Ventilate area. Remove all sources of ignition. Clean up area with absorbent material and place in closed containers for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling: Keep container tightly closed. Keep away from heat/sparks/open flames/hot surfaces. Wear protective gloves/protective clothing/eye protection/face protection. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Do not allow contact with water. Handle under inert gas, protect from moisture. Use only outdoors or in a well-ventilated area. Avoid breathing dust/fume/gas/mist/vapours/spray. Take off contaminated clothing and wash it before reuse. Wash hands thoroughly after handling. Avoid release to the environment. Keep out of the reach of children.
Precautions To Be Taken in Storing: Store container tightly closed in well-ventilated place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
7440-66-6	Zinc	No data.	No data.	No data.
78-93-3	Methyl ethyl ketone	PEL: 200 ppm	TLV: 200 ppm STEL: 300 ppm	No data.
1330-20-7	Xylene (mixed isomers)	PEL: 100 ppm	TLV: 100 ppm STEL: 150 ppm	No data.
108-10-1	Methyl isobutyl ketone	PEL: 100 ppm	TLV: 50 ppm STEL: 75 ppm	No data.



SAFETY DATA SHEET

Cold Galvanize

Revision: 08/30/2017
Supersedes Revision: 01/16/2017

8052-41-3	Stoddard solvent	PEL: 500 ppm	TLV: 100 ppm	No data.
100-41-4	Ethylbenzene	PEL: 100 ppm	TLV: 100 ppm STEL: 125 ppm	No data.
123-86-4	Butyl acetate	PEL: 150 ppm	TLV: 150 ppm STEL: 200 ppm	No data.
74-98-6	Propane	PEL: 1000 ppm	TLV: (2500 ppm)	No data.

Respiratory Equipment (Specify Type): None under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

Eye Protection: Use of safety glasses with splash guards or full face shield is recommended.

Protective Gloves: Use of chemical resistant, impervious gloves is recommended.

Other Protective Clothing: Use of solvent resistant aprons or other clothing is recommended.

Engineering Controls (Ventilation etc.): Sufficient to prevent inhalation of solvent vapors. General dilution and/or local exhaust ventilation in volume or pattern to keep PEL/TLV of most hazardous ingredient below acceptable limit and LEL below stated limit.

Work/Hygienic/Maintenance Practices: Small pressurized containers of flammable products may be stored in areas suitable for ordinary combustibles with respect to construction, drainage, control of ignition sources, and ventilation except that they should not be stored in basements.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Aerosol product.

pH: No data.

Melting Point: No data.

Boiling Point: -44.00 F (-42.2 C) - -310.00 F (-190.0 C)

Flash Pt: -156.00 F (-104.4 C) Method Used: Estimate

Evaporation Rate: < Ether

Flammability (solid, gas): No data available.

Explosive Limits: LEL: .7 UEL: 15

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): > Air

Specific Gravity (Water = 1): 1.24

Solubility in Water: Slight

Octanol/Water Partition Coefficient: No data.

Percent Volatile: NP

Autoignition Pt: No data.

Decomposition Temperature: No data.

Viscosity: No data.



10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Application to hot surfaces. Storage above 120 degrees F. Exposure to open flame.

Incompatibility - Materials To Avoid: Strong oxidizing agents.

Hazardous Decomposition or Byproducts: May produce fumes when heated to decomposition. Fumes may contain carbon monoxide.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7440-66-6	Zinc	n.a.	n.a.	n.a.	n.a.
78-93-3	Methyl ethyl ketone	n.a.	n.a.	n.a.	n.a.
1330-20-7	Xylene (mixed isomers)	n.a.	3	A4	n.a.
108-10-1	Methyl isobutyl ketone	n.a.	2B	n.a.	n.a.
8052-41-3	Stoddard solvent	n.a.	n.a.	n.a.	n.a.
100-41-4	Ethylbenzene	n.a.	2B	A3	n.a.
123-86-4	Butyl acetate	n.a.	n.a.	n.a.	n.a.
74-98-6	Propane	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

No data available.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents/container in accordance with local/regional/national/international regulation.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: Aerosols, 2.1, Ltd. Qty.
DOT Hazard Class: 2.1 FLAMMABLE GAS
UN/NA Number: UN1950

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Aerosols, 2.1, Ltd. Qty.
UN Number: 1950
Hazard Class: 2.1 - FLAMMABLE GAS **ADR Classification:** 2.1

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Aerosols, 2.1, Ltd. Qty.
UN Number: 1950 **Packing Group:**
Hazard Class: 2.1 - FLAMMABLE GAS **IMDG Classification:** 2.1
IMDG MFAG Number:

IMDG EMS Page:



SAFETY DATA SHEET

Cold Galvanize

Revision: 08/30/2017
Supersedes Revision: 01/16/2017**AIR TRANSPORT (ICAO/IATA):**

ICAO/IATA Shipping Name: Aerosols, flammable, 2.1, Ltd Qty
UN Number: 1950
Hazard Class: 2.1 - FLAMMABLE GAS **IATA Classification:** 2.1

15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
7440-66-6	Zinc	No	Yes 1000 LB	Yes-Cat. N982
78-93-3	Methyl ethyl ketone	No	Yes 5000 LB	No
1330-20-7	Xylene (mixed isomers)	No	Yes 100 LB	Yes
108-10-1	Methyl isobutyl ketone	No	Yes 5000 LB	Yes
8052-41-3	Stoddard solvent	No	No	No
100-41-4	Ethylbenzene	No	Yes 1000 LB	Yes
123-86-4	Butyl acetate	No	Yes 5000 LB	No
74-98-6	Propane	No	No	No

CAS # Hazardous Components (Chemical Name)**Other US EPA or State Lists**

7440-66-6	Zinc	CAA HAP,ODC: No; CWA NPDES: Yes; TSCA: Yes - Inventory, 6A, 12(b); CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR, Part 5; NC TAP: No; NJ EHS: Yes - 2021; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: No
78-93-3	Methyl ethyl ketone	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: No; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
1330-20-7	Xylene (mixed isomers)	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR, Part 5; NC TAP: Yes; NJ EHS: Yes - 2014; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
108-10-1	Methyl isobutyl ketone	CAA HAP,ODC: HAP; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: Yes: Canc+RDTox.; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 1268; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
8052-41-3	Stoddard solvent	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes
100-41-4	Ethylbenzene	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory; CA PROP.65: Yes: Canc.; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: Yes; NJ EHS: Yes - 0851; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes
123-86-4	Butyl acetate	CAA HAP,ODC: No; CWA NPDES: Yes; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: No; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No;



SAFETY DATA SHEET

Cold Galvanize

Revision: 08/30/2017
Supersedes Revision: 01/16/2017

74-98-6	Propane	WI Air: Yes CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1594; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
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CAS # Hazardous Components (Chemical Name)

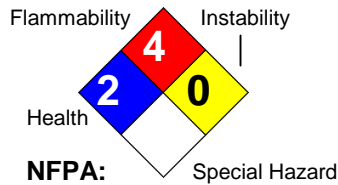
International Regulatory Lists

7440-66-6	Zinc	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
78-93-3	Methyl ethyl ketone	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
1330-20-7	Xylene (mixed isomers)	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
108-10-1	Methyl isobutyl ketone	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: 117-01 (4)
8052-41-3	Stoddard solvent	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
100-41-4	Ethylbenzene	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: 116-01 (4)
123-86-4	Butyl acetate	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
74-98-6	Propane	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

16. Other Information

Revision Date: 08/30/2017

Hazard Rating System:



Additional Information About This Product: NOT FOR SALE IN CA.

Company Policy or Disclaimer:

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