



SAFETY DATA SHEET

Surface Activator

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Revision: 07/09/2015

Supersedes Revision: 05/20/2014

1. Product and Company Identification

Product Code: C930
Product Name: Surface Activator
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

2. Hazards Identification

Flammable Liquids, Category 2

Serious Eye Damage/Eye Irritation, Category 2

Specific Target Organ Toxicity (single exposure), Category 3

Aquatic Toxicity (Acute), Category 2

Aquatic Toxicity (Chronic), Category 2



GHS Signal Word: Danger

GHS Hazard Phrases: H225: Highly flammable liquid and vapor.
H319: Causes serious eye irritation.
H336: May cause drowsiness or dizziness.
H401: Toxic to aquatic life.
H411: Toxic to aquatic life with long lasting effects.

GHS Precaution Phrases: P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking.
P233: Keep container tightly closed.
P241: Use explosion-proof electrical/ventilating/lighting equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
P264: Wash hands thoroughly after handling.
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.

GHS Response Phrases: P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
P363: Wash contaminated clothing before reuse.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

GHS Storage and Disposal Phrases: P403+235: Store in cool/well-ventilated place.
P405: Store locked up.
P501: Dispose of contents/container in accordance with local/regional/national/international regulation.



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Potential Health Effects No data available.

(Acute and Chronic):

Medical Conditions Generally Existing dermatitis may be aggravated with contact.

Aggravated By Exposure:

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
67-64-1	Acetone	95.0 -100.0 %
1338-02-9	Naphthenic acids, Copper salts	1.0 -3.0 %

4. First Aid Measures

Emergency and First Aid Procedures: If swallowed, do not induce vomiting. Keep individual calm. If inhaled, remove to fresh air. Give oxygen or artificial respiration if needed. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of skin contact, flush with large amounts of water and wash with soap. Call physician immediately if adverse reaction occurs.

5. Fire Fighting Measures

Flash Pt: 1.00 F (-17.2 C) Method Used: TAG Closed Cup

Explosive Limits: LEL: 2.5 UEL: 12.8

Autoignition Pt: No data.

Suitable Extinguishing Media: Carbon dioxide, foam and dry chemical.

Fire Fighting Instructions: Fire fighters should use self-contained breathing apparatus and wear protective clothing. Use light water spray to cool fire-exposed containers and structures.

Flammable Properties and Hazards: Direct water jet will spread burning material. Combustion products will yield toxic and highly irritating vapors. Vapors from this material may settle in low or confined areas or travel a long distance to an ignition source and flash back explosively. Cool sealed drums with light water spray to lessen chance of rupture.

No data available.

6. Accidental Release Measures

Steps To Be Taken In Case No data available.

Material Is Released Or

Spilled:

7. Handling and Storage

Precautions To Be Taken in Handling: Keep away from heat/sparks/open flames/hot surfaces - No smoking. Keep container tightly closed. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools.

Take precautionary measures against static discharge. Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Keep out of the reach of children.

Precautions To Be Taken in Storing: Store in cool/well-ventilated place. Store locked up.



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8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
67-64-1	Acetone	PEL: 1000 ppm	TLV: 500 ppm STEL: 750 ppm	No data.
1338-02-9	Naphthenic acids, Copper salts	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Above time weighted average, use a NIOSH approved respirator.

Eye Protection: Wear splash proof goggles.

Protective Gloves: Plastic or rubber gloves.

Other Protective Clothing: No data available.

Engineering Controls (Ventilation etc.): No data available.

9. Physical and Chemical Properties

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

Appearance and Odor: Green liquid with a solvent-like odor.

Melting Point: No data.

Boiling Point: 133.00 F (56.1 C)

Flash Pt: 1.00 F (-17.2 C) Method Used: TAG Closed Cup

Evaporation Rate: ~ 7.7

Flammability (solid, gas): No data available.

Explosive Limits: LEL: 2.5 UEL: 12.8

Vapor Pressure (vs. Air or mm Hg): 400 MM_HG at 104.0 F (40.0 C)

Vapor Density (vs. Air = 1): 3.5

Specific Gravity (Water = 1): ~ .79 at 77.0 F (25.0 C)

Solubility in Water: Soluble

Percent Volatile: 0.0 % by weight.

VOC / Volume: 2.2000 LB/GA

Autoignition Pt: No data.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: All sources of ignition.

Incompatibility - Materials To Avoid: Strong oxidizing agents, acids, bases and reducing agents.

Hazardous Decomposition or Byproducts: Carbon monoxide and carbon dioxide.

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

Conditions To Avoid - Hazardous Reactions: No data available.



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11. Toxicological Information

Toxicological Information: No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
67-64-1	Acetone	n.a.	n.a.	A4	n.a.
1338-02-9	Naphthenic acids, Copper salts	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: Consumer Commodity
DOT Hazard Class: ORM-D ORM-D
UN/NA Number:

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Flammable Liquid, n.o.s. (Acetone), Ltd. Qty.
UN Number: 1993 **Packing Group:** III
Hazard Class: 3 - FLAMMABLE LIQUID **ADR Classification:** 3

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Flammable Liquid, n.o.s. (Acetone), Ltd. Qty.
UN Number: 1993 **Packing Group:** III
Hazard Class: N.A. **IMDG Classification:** 3
IMDG MFAG Number:

IMDG EMS Page:**AIR TRANSPORT (ICAO/IATA):**

ICAO/IATA Shipping Name: Flammable Liquid, n.o.s. (Acetone), Ltd. Qty.
UN Number: 1993 **Packing Group:** III
Hazard Class: N.A. **IATA Classification:** 3

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)
67-64-1	Acetone	No	Yes 5000 LB	No
1338-02-9	Naphthenic acids, Copper salts	No	No	Yes-Cat. N100

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

CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; 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: Yes - 0006; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: Yes

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 - Cat.; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: Yes - Cat.; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No



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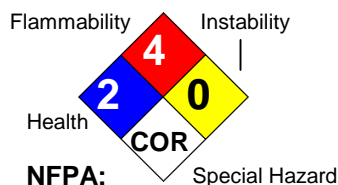
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CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
67-64-1	Acetone	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
1338-02-9	Naphthenic acids, Copper salts	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

16. Other Information

Revision Date: 07/09/2015

Hazard Rating System:



Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

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