

1. Product and Company Identification

Product Code: C52
Product Name: Cooling System Stop Leak & Sealer
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
First Aid Emergency (Outside U.S.) (312)906-6194

Information:
Intended Use: Cooling System Stop Leak

2. Hazards Identification

Acute Toxicity: Inhalation, Category 3
Acute Toxicity: Oral, Category 3
Acute Toxicity: Skin, Category 3
Skin Corrosion/Irritation, Category 1B
Serious Eye Damage/Eye Irritation, Category 1
Skin Sensitization, Category 1
Specific Target Organ Toxicity (single exposure), Category 3



GHS Signal Word: **Danger**

GHS Hazard Phrases: H302: Harmful if swallowed.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.

GHS Precaution Phrases: P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P252: Do not get in eyes, on skin or on clothing.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P361+364: Take off immediately all contaminated clothing and wash it before reuse.

GHS Response Phrases: P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331: 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.
P332+313: If skin irritation occurs, get medical advice/attention.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313: If eye irritation persists, get medical advice/attention.
P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

GHS Storage and Disposal Phrases: P403+233: Store container tightly closed in well-ventilated place.
P501: Dispose of contents/container in accordance with



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local/regional/national/international regulation.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
7732-18-5	Water	60.0 -70.0 %
1344-09-8	Sodium silicate	25.0 -35.0 %
9004-32-4	Cellulose, Carboxymethyl ether, sodium salt	0.0 -1.0 %
6440-58-0	2,4-Imidazolidinedione, 1,3-Bis(hydroxymethyl)-5,5-dimethyl-	0.0 -1.0 %

4. First Aid Measures

Emergency and First Aid Procedures: If inhaled, remove to fresh air. If on skin (or hair), remove/take off immediately all contaminated clothing. Rinse skin with water/shower. 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

Flash Pt: NP

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: No data available.

Fire Fighting Instructions: No data available.

Flammable Properties and Hazards: No data available.

Hazardous Combustion Products: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use personal protective equipment. Avoid dust formation.

7. Handling and Storage

Precautions To Be Taken in Handling: Avoid breathing dust/fume/gas/mist/vapours/spray. Do not get in eyes, on skin or on clothing. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Take off immediately all contaminated clothing and wash it before reuse. 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
7732-18-5	Water	No data.	No data.	No data.
1344-09-8	Sodium silicate	No data.	No data.	No data.
9004-32-4	Cellulose, Carboxymethyl ether, sodium salt	No data.	No data.	No data.
6440-58-0	2,4-Imidazolidinedione,	No data.	No data.	No data.



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1,3-Bis(hydroxymethyl)-5,5-dimethyl-

Respiratory Equipment (Specify Type):	NIOSH approved dust respirator in the presence of dust formation.
Eye Protection:	Safety glasses
Protective Gloves:	Gloves
Other Protective Clothing:	Use protective clothing chemically resistant to this material. Selection of specific items such as face shield, boots, apron or full body suit will depend on the task. Remove contaminated clothing immediately, wash skin area with soap and water, and launder clothing before reuse or dispose of properly.
Engineering Controls (Ventilation etc.):	Provide general dilute ventilation in the presence of dust.
Work/Hygienic/Maintenance Practices:	Avoid ingestion of even very small amounts; do not consume or store food or tobacco in the work area; wash hands and face before smoking or eating.

9. Physical and Chemical Properties

Physical States:	[] Gas	[X] Liquid	[] Solid
Appearance and Odor:	Semi-viscous; clear liquid.		
pH:	10.5 - 11.5		
Melting Point:	No data.		
Boiling Point:	No data.		
Flash Pt:	NP		
Evaporation Rate:	> 1 (BuAC=1)		
Flammability (solid, gas):	No data available.		
Explosive Limits:	LEL: No data.	UEL: No data.	
Vapor Pressure (vs. Air or mm Hg):	No data.		
Vapor Density (vs. Air = 1):	> 1		
Specific Gravity (Water = 1):	1.04		
Solubility in Water:	Infinite		
Octanol/Water Partition Coefficient:	No data.		
Percent Volatile:	0.0 % by weight.		
Autoignition Pt:	No data.		
Decomposition Temperature:	No data.		
Viscosity:	No data.		

10. Stability and Reactivity

Stability:	Unstable []	Stable [X]
Conditions To Avoid - Instability:	No data available.	
Incompatibility - Materials To Avoid:	No data available.	
Hazardous Decomposition or Byproducts:	No data available.	
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: The International Agency for Research on Cancer has determined that crystalline silica (present in a subcomponent of this product in dust form) inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans. The National Toxicology Programs classifies respirable crystalline silica (present in a subcomponent of this product in dust form) as a known human carcinogen.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
7732-18-5	Water	n.a.	n.a.	n.a.	n.a.
1344-09-8	Sodium silicate	n.a.	n.a.	n.a.	n.a.
9004-32-4	Cellulose, Carboxymethyl ether, sodium salt	n.a.	n.a.	n.a.	n.a.
6440-58-0	2,4-Imidazolidinedione, 1,3-Bis(hydroxymethyl)-5,5-dimethyl-	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: Not-Regulated

DOT Hazard Class:

UN/NA Number:

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not-Regulated

UN Number:

Hazard Class:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not-Regulated

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not-Regulated

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)
7732-18-5	Water	No	No	No
1344-09-8	Sodium silicate	No	No	No
9004-32-4	Cellulose, Carboxymethyl ether, sodium salt	No	No	No
6440-58-0	2,4-Imidazolidinedione, 1,3-Bis(hydroxymethyl)-5,5-dimethyl-	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

7732-18-5	Water	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
1344-09-8	Sodium silicate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -



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Revision: 09/05/2017

Supersedes Revision: 10/21/2014

Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -
Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No
CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -
Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No

9004-32-4 Cellulose, Carboxymethyl ether, sodium salt

6440-58-0 2,4-Imidazolidinedione,
1,3-Bis(hydroxymethyl)-5,5-dimethyl-

CAS # Hazardous Components (Chemical Name)

7732-18-5 Water

1344-09-8 Sodium silicate

9004-32-4 Cellulose, Carboxymethyl ether, sodium salt

6440-58-0 2,4-Imidazolidinedione,
1,3-Bis(hydroxymethyl)-5,5-dimethyl-

International Regulatory Lists

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

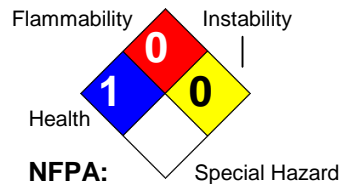
Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

16. Other Information

Revision Date: 09/05/2017

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

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