

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** C52
Product Name: Cooling System Stop Leak & Sealer
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant identified uses: Cooling System Stop Leak
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- | | | |
|--------------------------|---|---------------------------------------|
| Company Name: | CYCLO INDUSTRIES, INC.
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477 USA | Phone Number:
(800)843-7813 |
| Web site address: | www.cyclo.com | |
| Email address: | ehs@cyclo.com | |
| Information: | First Aid Emergency (Outside U.S.) | (312)906-6194 |
- 1.4 Emergency telephone number:**
- | | | |
|---------------------------|-------------------------|---------------|
| Emergency Contact: | First Aid Emergency | (800)752-7869 |
| | CHEMTREC (703) 527-3887 | (800)424-9300 |

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
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

2.2 Label Elements:



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.



SAFETY DATA SHEET

Cooling System Stop Leak & Sealer

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 local/regional/national/international regulation.

2.3 Adverse Human Health No data available.

Effects and Symptoms:

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
7732-18-5	Water	60.0 -70.0 %	231-791-2 NA	No data available.
1344-09-8	Sodium silicate	25.0 -35.0 %	215-687-4 NA	Skin Corr. 2: H315 Eye Damage 2: H319 STOT (SE) 3: H335
9004-32-4	Cellulose, Carboxymethyl ether, sodium salt	0.0 -1.0 %	NA NA	No data available.
6440-58-0	2,4-Imidazolidinedione, 1,3-Bis(hydroxymethyl)-5,5-dimethyl-	0.0 -1.0 %	229-222-8 NA	Acute Tox.(O) 4: H302

Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:** 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.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** No data available.
- 5.2 Flammable Properties and Hazards:** No data available.
- Flash Pt:** NP
- Explosive Limits:** LEL: No data. UEL: No data.
- Autoignition Pt:** No data.
- 5.3 Fire Fighting Instructions:** No data available.



Section 6. Accidental Release Measures

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** No data available.
- 6.2 Environmental Precautions:** No data available.
- 6.3 Methods and Material For Containment and Cleaning Up:** Use personal protective equipment. Avoid dust formation.

Section 7. Handling and Storage

- 7.1 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.
- 7.2 Precautions To Be Taken in Storing:** Store container tightly closed in well-ventilated place.

Section 8. Exposure Controls/Personal Protection

- 8.1 Exposure Parameters:**
- 8.2 Exposure Controls:**
- 8.2.1 Engineering Controls (Ventilation etc.):** Provide general dilute ventilation in the presence of dust.
- 8.2.2 Personal protection equipment:**
- 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.
- Respiratory Equipment (Specify Type):** NIOSH approved dust respirator in the presence of dust formation.
- 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.
No data available.



Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States: Gas 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.
Autoignition Pt: No data.
Decomposition Temperature: No data.
Viscosity: No data.

9.2 Other Information

Percent Volatile: 0.0 % by weight.

Section 10. Stability and Reactivity

10.1 Reactivity: No data available.
10.2 Stability: Unstable Stable
10.3 Conditions To Avoid - Hazardous Reactions: No data available.
Possibility of Hazardous Reactions: Will occur Will not occur
10.4 Conditions To Avoid - Instability: No data available.
10.5 Incompatibility - Materials To Avoid: No data available.
10.6 Hazardous Decomposition or Byproducts: No data available.



Section 11. Toxicological Information

11.1 Information on Toxicological Effects: 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.

Section 12. Ecological Information

12.1 Toxicity: No data available.
12.2 Persistence and Degradability: No data available.
12.3 Bioaccumulative Potential: No data available.
12.4 Mobility in Soil: No data available.
12.5 Results of PBT and vPvB assessment: No data available.
12.6 Other adverse effects: No data available.

Section 13. Disposal Considerations

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

Section 14. Transport Information

14.1 LAND TRANSPORT (European ADR/RID):
ADR/RID Shipping Name: Not-Regulated
UN Number:
Hazard Class:

14.2 MARINE TRANSPORT (IMDG/IMO):
IMDG/IMO Shipping Name: Not-Regulated

14.3 AIR TRANSPORT (ICAO/IATA):
ICAO/IATA Shipping Name: Not-Regulated

Section 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



SAFETY DATA SHEET

Cooling System Stop Leak & Sealer

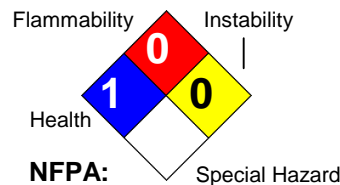
Revision: 09/05/2017
Supersedes Revision: 10/21/2014

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 - 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	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
6440-58-0	2,4-Imidazolidinedione, 1,3-Bis(hydroxymethyl)-5,5-dimethyl-	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
CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
7732-18-5	Water	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
1344-09-8	Sodium silicate	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
9004-32-4	Cellulose, Carboxymethyl ether, sodium salt	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
6440-58-0	2,4-Imidazolidinedione, 1,3-Bis(hydroxymethyl)-5,5-dimethyl-	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

Section 16. Other Information

Revision Date: 09/05/2017

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or

Disclaimer:

Cyclo Industries, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. Cyclo Industries, Inc. makes no representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose with respect to the information set forth herein or to the product to which the information refers. Accordingly, Cyclo Industries, Inc. will not be responsible for damages resulting from use of or reliance upon this information.