

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:** C682
Product Name: Anti-Seize
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
Relevant identified uses: Anti Seize
- 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:**
Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2A
Carcinogenicity, Category 1A
Aspiration Toxicity, Category 1
Specific Target Organ Toxicity (single exposure), Category 3
Specific Target Organ Toxicity (repeated exposure), Category 1
- 2.2 Label Elements:**

**GHS Signal Word:** Danger**GHS Hazard Phrases:**

- H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H350: May cause cancer.
H372: Causes damage to organs through prolonged or repeated exposure.

GHS Precaution Phrases:

- P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
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.
P260: Do not breathe dust/fume/gas/mist/vapors/spray.
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.



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Supersedes Revision: 03/22/2017**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:

P402+404: Store in a dry place and/or in closed container.

P405: Store locked up.

P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

2.3 Adverse Human Health No data available.**Effects and Symptoms:****Medical Conditions** May irritate existing allergic skin conditions.**Generally Aggravated****By Exposure:**

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
64742-54-7	Distillates (petroleum), Hydrotreated heavy paraffinic	50.0 -55.0 %	265-157-1 649-467-00-8	Carcinogen 1B: H350
1317-65-3	Calcium Carbonate	15.0 -25.0 %	215-279-6 NA	Skin Corr. 2: H315 Eye Damage 1: H318
14807-96-6	Talcum	15.0 -25.0 %	238-877-9 NA	No data available.
7429-90-5	Aluminum	1.0 -5.0 %	231-072-3 013-001-00-6	Pyro. Sol. 1: H250 Water-React 2: H261
112945-52-5	Silica, amorphous treated	1.0 -5.0 %	NA NA	No data available.
7782-42-5	Graphite	1.0 -5.0 %	231-955-3 NA	No data available.
9003-13-8	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-butyl-.omega.-hydr	0.1 -1.0 %	500-003-1 NA	Acute Tox.(O) 4: H302 Skin Corr. 2: H315 Eye Damage 2A: H319



Section 4. First Aid Measures

4.1 Description of First Aid Measures: If swallowed, do not induce vomiting. If inhaled, remove to fresh air. 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, remove contaminated clothing. Wash affected area with soap and rinse with plenty of water. Wash clothing before reuse. Call physician immediately if adverse reaction occurs.

Section 5. Fire Fighting Measures

5.1 Suitable Extinguishing Media: Carbon dioxide, foam, dry chemicals.

5.2 Flammable Properties and Hazards: No data available.

Flash Pt: 221.11 C (430.0 F) **Method Used:** Cleveland Open Cup

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

Autoignition Pt: No data.

5.3 Fire Fighting Instructions: Air mask and procedures for fighting chemical fires. Do not inhale gases.

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: Scoop up into waste container or soak up with absorbent material. Store in a closed container until disposal. Dispose of material according to regulations. Prevent material from entering flood drains, sewers or any bodies of water.

Section 7. Handling and Storage

7.1 Precautions To Be Taken in Handling: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep from any possible contact with water, because of violent reaction and possible flash fire. Handle under inert gas, protect from moisture. Do not breathe dust/fume/gas/mist/vapors/spray. 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. Keep out of the reach of children.

7.2 Precautions To Be Taken in Storing: Store in a dry place and/or in closed container. Store locked up.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
1317-65-3	Calcium Carbonate	OSHA PELs Britain EH40	PEL: 15 (dust); 5 (resp.) mg/m3 TWA: 10 mg/m3 (Inhalable dust)	
14807-96-6	Talcum	ACGIH TLV OSHA PELs	TLV: 2 mg/m3 (non-asbestos) PEL: 706 mppm3/20 mppcf	



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14807-96-6	Talcum (continued)	Britain EH40	TWA: 1 mg/m3 (STEL: ()
7429-90-5	Aluminum	ACGIH TLV France VL OSHA PELs Britain EH40	TLV: 1 mg/m3 (resp.) TWA: 10 mg/m3 (Metal) PEL: 15 (dust); 5 (resp.) mg/m3 TWA: 10 mg/m3 (Inhalable dust)
7782-42-5	Graphite	ACGIH TLV France VL OSHA PELs	TLV: 2 mg/m3 (resp. except fibers) TWA: 2 mg/m3 PEL: 532.5 mppm3/15 mppcf

8.2 Exposure Controls:

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

8.2.2 Personal protection equipment:

Eye Protection: Not required if application method is proper. Avoid contact with eyes.

Protective Gloves: Not required, but if desired, use impermeable gloves (neoprene, butyl rubber or natural rubber) as necessary to avoid skin contact.

Other Protective Clothing: Not required, but if desired, use plastic apron.

Respiratory Equipment (Specify Type): No respiratory protection required, but normal good ventilation is recommended. Forced ventilation may be required if concentrations exceed normal exposures.

Work/Hygienic/Maintenance Practices: Eye wash stations should be located within 100 feet or 10 second walk of the work area.

No data available.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States:	[] Gas [X] Liquid [] Solid	
Appearance and Odor:	Aluminum paste with petroleum odor.	
pH:	No data.	
Melting Point:	No data.	
Boiling Point:	0.00 F (-17.8 C)	
Flash Pt:	221.11 C (430.0 F)	Method Used: Cleveland Open Cup
Evaporation Rate:	No data.	
Flammability (solid, gas):	No data available.	
Explosive Limits:	LEL: No data.	UEL: N.D.
Vapor Pressure (vs. Air or mm Hg):	No data.	
Vapor Density (vs. Air = 1):	No data.	
Specific Gravity (Water = 1):	1.1	
Solubility in Water:	Insoluble	
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 [X]
10.3 Conditions To Avoid - Hazardous Reactions:
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
10.4 Conditions To Avoid - Instability: Strong oxidizing agents.
10.5 Incompatibility - Materials To Avoid: No data available.
10.6 Hazardous Decomposition or Byproducts: None if used and stored according to specifications.

Section 11. Toxicological Information

11.1 Information on Toxicological Effects: No harmful effects have been determined if this product is used and handled according to specifications.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
64742-54-7	Distillates (petroleum), Hydrotreated heavy paraffinic	n.a.	n.a.	n.a.	n.a.
1317-65-3	Calcium Carbonate	n.a.	n.a.	n.a.	n.a.
14807-96-6	Talcum	n.a.	3	n.a.	n.a.
7429-90-5	Aluminum	n.a.	n.a.	n.a.	n.a.
112945-52-5	Silica, amorphous treated	n.a.	n.a.	n.a.	n.a.
7782-42-5	Graphite	n.a.	n.a.	n.a.	n.a.
9003-13-8	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-butyl-.omega.-hydr	n.a.	n.a.	n.a.	n.a.

Section 12. Ecological Information

12.1 Toxicity: Water Hazard: Do not allow entry into drains or surface water.
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
UN Number:
Hazard Class:

Packing Group:

IMDG MFAG Number:

IMDG EMS Page:

Marine Pollutant: No

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)
64742-54-7	Distillates (petroleum), Hydrotreated heavy paraffinic	No	No	No
1317-65-3	Calcium Carbonate	No	No	No
14807-96-6	Talcum	No	No	No
7429-90-5	Aluminum	No	No	Yes
112945-52-5	Silica, amorphous treated	No	No	No
7782-42-5	Graphite	No	No	No
9003-13-8	Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-butyl-.omega.-hydr	No	No	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

64742-54-7	Distillates (petroleum), Hydrotreated heavy paraffinic	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
1317-65-3	Calcium Carbonate	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: Yes - 1; SC TAP: No; WI Air: No
14807-96-6	Talcum	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: Yes - 4203; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes
7429-90-5	Aluminum	CAA HAP,ODC: No; CWA NPDES: Yes; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: TAC, Title 8;



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MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 0054; NY Part 597: No; PA HSL: Yes - E; SC TAP: No; WI Air: Yes

112945-52-5 Silica, amorphous treated

CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; 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

7782-42-5 Graphite

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

9003-13-8 Poly[oxy(methyl-1,2-ethanediyl)], .alpha.-butyl-.omega.-hydr

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

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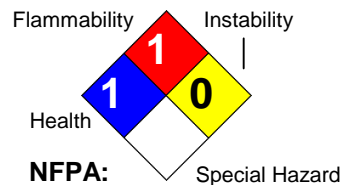
International Regulatory Lists

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

Section 16. Other Information

Revision Date: 09/26/2017

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or

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