

SAFETY DATA SHEET



CYCLO® ANTISEIZE

Version 2.1 Revision Date: 03/29/2023 SDS Number: 600000001174 Date of last issue: 04/26/2020
Date of first issue: 09/26/2017

SECTION 1. IDENTIFICATION

Product name : CYCLO ANTISEIZE 12/8OZ

Product code : C682

Manufacturer or supplier's details

Company name of supplier : Niteo Products, LLC

Address : Dallas TX 75225

Email Address : EHS@niteoproducts.com

Telephone : 1-844-696-4836

Emergency telephone number : 1-800-424-9300 / 1-703-741-5970

Recommended use of the chemical and restrictions on use

Recommended use : Lubricant

Restrictions on use : Use only outdoors or in a well-ventilated area.

SECTION 2. HAZARDS IDENTIFICATION

GHS classification in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Not a hazardous substance or mixture.

GHS label elements

Not a hazardous substance or mixture.

Other hazards

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

| Chemical name | CAS-No. | Concentration (% w/w) |
|-------------------------|-------------|-----------------------|
| Distillates (petroleum) | 64742-54-7 | >= 50 - < 70 |
| Limestone | 1317-65-3 | >= 10 - < 20 |
| Talc | 14807-96-6 | >= 10 - < 20 |
| Aluminum | 7429-90-5 | >= 1 - < 5 |
| Amorphous silica | 112945-52-5 | >= 1 - < 5 |
| Graphite | 7782-42-5 | >= 1 - < 5 |

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

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SECTION 4. FIRST AID MEASURES

- General advice : No hazards which require special first aid measures.
- If inhaled : If breathed in, move person into fresh air.
If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact : If on skin, rinse well with water.
- In case of eye contact : Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
- If swallowed : Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.
- Most important symptoms and effects, both acute and delayed : None known.
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SECTION 5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Water spray
- Hazardous combustion products : Carbon oxides
Silicon oxides
- Specific extinguishing methods : Product is compatible with standard fire-fighting agents.
- Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
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SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid dust formation.
Avoid breathing dust.
Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.
- Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust.
Keep in suitable, closed containers for disposal.
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SECTION 7. HANDLING AND STORAGE

- Advice on protection against : Take measures to prevent the build up of electrostatic charge.
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- fire and explosion Provide appropriate exhaust ventilation at places where dust is formed.
- Advice on safe handling : Avoid creating dust.
Smoking, eating and drinking should be prohibited in the application area.
For personal protection see section 8.
- Materials to avoid : No materials to be especially mentioned.
- Further information on storage stability : No decomposition if stored and applied as directed.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

| Components | CAS-No. | Value type (Form of exposure) | Control parameters / Permissible concentration | Basis |
|-------------------------|------------|-------------------------------------|--|------------|
| Distillates (petroleum) | 64742-54-7 | TWA (Mist) | 5 mg/m ³ | OSHA Z-1 |
| | | TWA (Inhalable particulate matter) | 5 mg/m ³ | ACGIH |
| | | TWA (Mist) | 5 mg/m ³ | OSHA P0 |
| | | TWA (Mist) | 5 mg/m ³ | NIOSH REL |
| | | ST (Mist) | 10 mg/m ³ | NIOSH REL |
| Limestone | 1317-65-3 | TWA (total dust) | 15 mg/m ³ | OSHA Z-1 |
| | | TWA (respirable fraction) | 5 mg/m ³ | OSHA Z-1 |
| | | TWA (Total dust) | 15 mg/m ³ | OSHA P0 |
| | | TWA (respirable dust fraction) | 5 mg/m ³ | OSHA P0 |
| | | TWA (Respirable) | 5 mg/m ³ (Calcium carbonate) | NIOSH REL |
| | | TWA (total) | 10 mg/m ³ (Calcium carbonate) | NIOSH REL |
| | | Talc | 14807-96-6 | TWA (Dust) |
| | | TWA (respirable dust fraction) | 2 mg/m ³ | OSHA P0 |
| | | TWA (Respirable) | 2 mg/m ³ | NIOSH REL |
| | | TWA | 0.1 fibres per cubic centimeter | ACGIH |
| | | TWA (Respirable particulate matter) | 2 mg/m ³ | ACGIH |

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| | | | | |
|------------------|-------------|-------------------------------------|--|-----------|
| Aluminum | 7429-90-5 | TWA (Respirable) | 5 mg/m3 | NIOSH REL |
| | | TWA (total) | 10 mg/m3 | NIOSH REL |
| | | TWA (total dust) | 15 mg/m3 (Aluminium) | OSHA Z-1 |
| | | TWA (respirable fraction) | 5 mg/m3 (Aluminium) | OSHA Z-1 |
| | | TWA (Total dust) | 15 mg/m3 (Aluminium) | OSHA P0 |
| | | TWA (respirable dust fraction) | 5 mg/m3 (Aluminium) | OSHA P0 |
| | | TWA (welding fumes) | 5 mg/m3 (Aluminium) | NIOSH REL |
| | | TWA (Fumes) | 5 mg/m3 | OSHA P0 |
| | | TWA (pyro powders) | 5 mg/m3 (Aluminium) | NIOSH REL |
| | | TWA (Respirable particulate matter) | 1 mg/m3 (Aluminium) | ACGIH |
| Amorphous silica | 112945-52-5 | TWA (Dust) | 20 Million particles per cubic foot (Silica) | OSHA Z-3 |
| | | TWA (Dust) | 80 mg/m3 / %SiO2 (Silica) | OSHA Z-3 |
| | | TWA | 6 mg/m3 (Silica) | NIOSH REL |
| Graphite | 7782-42-5 | TWA (Respirable) | 2.5 mg/m3 | NIOSH REL |
| | | TWA (Dust) | 15 Million particles per cubic foot | OSHA Z-3 |
| | | TWA (total dust) | 15 mg/m3 | OSHA Z-1 |
| | | TWA (respirable fraction) | 5 mg/m3 | OSHA Z-1 |
| | | TWA (Total dust) | 10 mg/m3 | OSHA P0 |
| | | TWA (respirable dust fraction) | 5 mg/m3 | OSHA P0 |
| | | TWA (Respirable particulate matter) | 2 mg/m3 | ACGIH |
| | | TWA (respirable dust fraction) | 2.5 mg/m3 | OSHA P0 |

Engineering measures : General room ventilation should be adequate for normal conditions of use. However, if unusual operating conditions exist, provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known,

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suspected or apparent adverse effects.
Provide appropriate exhaust ventilation at places where dust is formed.

Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection
- Remarks : Wear resistant gloves (consult your safety equipment supplier).
- Eye protection : Safety glasses
- Skin and body protection : Wear as appropriate:
Safety shoes
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Avoid breathing dust.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : paste
- Colour : grey
- Odour : hydrocarbon-like
- Odour Threshold : not determined
- pH : not determined
- Melting point/freezing point : not determined
- Boiling point/boiling range : not determined
- Flash point : 221.11 °C
Method: open cup
- Evaporation rate : not determined
- Flammability (solid, gas) : not determined
- Self-ignition : not determined
- Upper explosion limit / Upper flammability limit : not determined
- Lower explosion limit / Lower flammability limit : not determined
- Vapour pressure : No data available

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Relative vapour density : not determined

Density : 1.1 g/cm³

Solubility(ies)
Water solubility : insoluble

Partition coefficient: n-octanol/water : not determined

Decomposition temperature : not determined

Viscosity
Viscosity, dynamic : not determined
Viscosity, kinematic : not determined

Molecular weight : Not applicable

VOC % By Weight : 0 %

SECTION 10. STABILITY AND REACTIVITY

Reactivity : No decomposition if stored and applied as directed.

Chemical stability : No decomposition if stored and applied as directed.

Possibility of hazardous reactions : Stable under recommended storage conditions.
No hazards to be specially mentioned.
Hazardous polymerisation does not occur.

Conditions to avoid : No data available

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : Carbon oxides
Silicon oxides

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Not classified based on available information.

Components:

Distillates (petroleum):

Acute oral toxicity : LD50 (Rat): > 15 g/kg

Acute dermal toxicity : LD50 (Rabbit): > 5 g/kg

Limestone:

Acute oral toxicity : LD50 (Rat): 6,450 mg/kg

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Aluminum:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg
Method: OECD Test Guideline 401
Remarks: Information given is based on data obtained from similar substances.

Acute inhalation toxicity : LC50 (Rat): > 0.888 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403
Assessment: No adverse effect has been observed in acute inhalation toxicity tests.

Amorphous silica:

Acute oral toxicity : LD50 (Rat): > 5,000 mg/kg
Remarks: Information given is based on data obtained from similar substances.

Acute dermal toxicity : LD50 (Rabbit): > 5,000 mg/kg
Remarks: Information given is based on data obtained from similar substances.

Graphite:

Acute oral toxicity : LD50 (Rat): > 2,000 mg/kg
Method: OECD Test Guideline 423
Assessment: No adverse effect has been observed in acute oral toxicity tests.

Acute inhalation toxicity : LC50 (Rat): > 2 mg/l
Exposure time: 4 h
Test atmosphere: dust/mist
Method: OECD Test Guideline 403
Assessment: No adverse effect has been observed in acute inhalation toxicity tests.

Skin corrosion/irritation

Not classified based on available information.

Components:

Distillates (petroleum):

Result: Possibly irritating to skin

Limestone:

Result: Possibly irritating to skin

Talc:

Result: Possibly irritating to skin

Aluminum:

Species: Rabbit
Method: OECD Test Guideline 404

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Result: No skin irritation
Remarks: Information given is based on data obtained from similar substances.

Amorphous silica:

Species: Rabbit
Result: No skin irritation
Remarks: Information given is based on data obtained from similar substances.

Graphite:

Species: Rabbit
Method: OECD Test Guideline 404
Result: No skin irritation

Serious eye damage/eye irritation

Not classified based on available information.

Product:

Remarks: Unlikely to cause eye irritation or injury.

Components:

Distillates (petroleum):

Result: No eye irritation

Limestone:

Result: Possibly irritating to eyes

Talc:

Result: Possibly irritating to eyes

Aluminum:

Species: Rabbit
Result: No eye irritation
Remarks: Information given is based on data obtained from similar substances.

Amorphous silica:

Species: Rabbit
Result: No eye irritation
Remarks: Information given is based on data obtained from similar substances.

Graphite:

Species: Rabbit
Result: No eye irritation
Method: OECD Test Guideline 405

Respiratory or skin sensitisation

Skin sensitisation

Not classified based on available information.

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Respiratory sensitisation

Not classified based on available information.

Components:

Graphite:

Result: Not a skin sensitizer.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Further information

Product:

Remarks: No data available

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Additional ecological information : No data available

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods

Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.

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SECTION 14. TRANSPORT INFORMATION

Dangerous goods descriptions (if indicated below) may not reflect quantity, end-use, or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

International Regulations

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

National Regulations

49 CFR

Not regulated as a dangerous good

49 CFR

Not regulated as a dangerous good

SECTION 15. REGULATORY INFORMATION

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

This material does not contain any components with a CERCLA RQ.

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 302 Extremely Hazardous Substances Threshold Planning Quantity

This material does not contain any components with a section 302 EHS TPQ.

SARA 311/312 Hazards : No SARA Hazards

SARA 313 : The following components are subject to reporting levels established by SARA Title III, Section 313:

| | | |
|----------|-----------|--------------|
| Aluminum | 7429-90-5 | >= 1 - < 5 % |
|----------|-----------|--------------|

California Prop. 65

WARNING: This product can expose you to chemicals including Silica, crystalline (Quartz), which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

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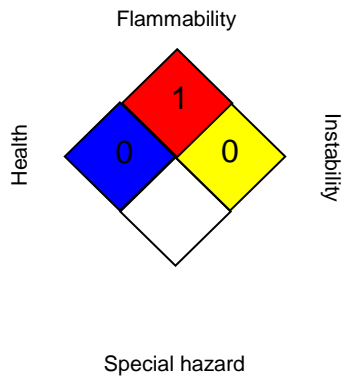
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SECTION 16. OTHER INFORMATION

Further information

NFPA:



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The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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