



Sentinel 805 Lead Dust Cleaner Envirowash

Safety Data Sheet

Prepared according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 01/29/2025

Supersedes: All previous versions

Version: 5.1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : Sentinel 805 Lead Dust Cleaner Envirowash
Product form : Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Lead Dust Cleanup

1.3. Details of the supplier of the safety data sheet

Sentinel Products Inc.
8901 Wyoming Avenue North
Brooklyn Park, MN 55445
Phone: (763) 571-0630
Toll-free: (800) 373-0633
www.senpro.com

1.4. Emergency telephone number

Emergency number : 1-866-359-5661

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (GHS-US)

Skin Irritation Category 2 H315
Eye Irritation Category 1 H318

2.2. Label elements

GHS-US labeling

Hazard pictograms (GHS-US) :



GHS05

Signal word (GHS-US) :

Danger

Hazard statements (GHS-US) :

H315 - Causes skin irritation
H318 - Causes serious eye damage

Precautionary statements (GHS-US) :

P264+P265 - Wash hands thoroughly after handling. Do not touch eyes.
P280 - Wear eye protection/face protection, protective gloves.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P332+P317 - If skin irritation occurs: Get medical help.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P305+P354+P338 - IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P317 - Get medical help.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS-US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

| Name | Product identifier | % |
|----------------|---------------------|--------------|
| Citric Acid | (CAS No) 77-92-9 | Proprietary* |
| Surfactant* | (CAS No) 68439-46-3 | Proprietary* |
| 2-aminoethanol | (CAS No) 141-43-5 | Proprietary* |

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| Name | Product identifier | % |
|---|--------------------|--------------|
| Ethylenediaminetetraacetic acid, tetrasodium salt | (CAS No) 64-02-8 | Proprietary* |

*The component information and exact percentage of composition has been withheld as a trade secret

SECTION 4: First aid measures

4.1. Description of first aid measures

- First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
- First-aid measures after inhalation : IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
- First-aid measures after skin contact : IF ON SKIN: Immediately rinse with plenty of soap and water (for at least 15 minutes). Remove contaminated clothing and wash before reuse. If skin irritation or redness occurs, get medical advice/attention.
- First-aid measures after eye contact : IF IN EYES: Rinse immediately and thoroughly, pulling the eyelids well away from the eye (15 minutes minimum). Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation occurs, get medical advice/attention.
- First-aid measures after ingestion : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. Obtain emergency medical attention.

4.2. Most important symptoms and effects, both acute and delayed

- Symptoms/injuries : May be fatal if swallowed and enters airways.
- Symptoms/injuries after inhalation : Inhalation in high concentrations may cause irritation of the mucous membranes. May cause a headache. Aspiration of this material into the lungs may cause chemical pneumonia or death.
- Symptoms/injuries after skin contact : Contact may cause irritation. Persons with pre-existing skin disorders may be more susceptible to the effects of this product.
- Symptoms/injuries after eye contact : Direct contact with the eyes is likely to be irritating. May cause burns and possible corneal damage.
- Symptoms/injuries after ingestion : May be irritating to the mucous membranes.
- Chronic symptoms : No data available.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

- Suitable extinguishing media : Dry chemical. Carbon dioxide. Foam.

5.2. Special hazards arising from the substance or mixture

- Explosion hazard : Heat may build pressure, rupturing closed containers.
- Reactivity : No dangerous reactions known under normal conditions of use.

5.3. Advice for firefighters

- Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment.
- Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Mop up as much as possible, then flush residue with a large volume of water.

6.1.1. For non-emergency personnel

- Protective equipment : Wear Protective equipment as described in Section 8.
- Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

- Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. Avoid release to the environment.

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6.3. Methods and material for containment and cleaning up

- For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
- Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Precautions for safe handling : Do not handle until all safety precautions have been read and understood. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not breathe mists.

7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep container closed when not in use.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Citric Acid (77-92-9) | |
|------------------------------|----------------------|
| Remark (ACGIH) | OELs not established |
| Remark (US OSHA) | OELs not established |

| Surfactant | |
|-------------------|----------------------|
| Remark (ACGIH) | OELs not established |
| Remark (US OSHA) | OELs not established |

| 2-aminoethanol (141-43-5) | |
|----------------------------------|---------------------------|
| Remark (ACGIH) | TWA - 3 PPM, STEL - 6 PPM |
| Remark (US OSHA) | TWA - 3 PPM |

| Ethylenediaminetetraacetic acid, tetrasodium salt (64-02-8) | |
|--|----------------------|
| Remark (ACGIH) | OELs not established |
| Remark (US OSHA) | OELs not established |

8.2. Exposure controls

- Appropriate engineering controls : Ensure adequate ventilation. A source of clean water should be available in the work area for flushing eyes and skin.
- Personal protective equipment : Gloves. Protective clothing as needed. Protective goggles.



- Hand protection : Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Suggested glove materials are: Natural rubber ("latex"), Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl.
- Eye protection : Eye protection must be worn when possibility exists for eye contact due to spraying liquid or airborne particles.
- Skin and body protection : Wear suitable protective clothing as needed.
- Respiratory protection : None.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---|---------------------|
| Physical state | : Liquid |
| Appearance | : Clear |
| Color | : None |
| Odor | : Slight odor |
| Odor Threshold | : No data available |
| pH | : 6.0 – 7.0 |
| Relative evaporation rate (butyl acetate=1) | : Slower than ether |
| Melting point | : No data available |
| Freezing point | : No data available |
| Boiling point | : >100 °C (212 °F) |
| Flash point | : None to boiling |
| Self ignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : No data available |
| Vapor pressure | : No data available |
| Relative vapor density at 20 °C | : No data available |
| Relative density | : No data available |
| Solubility | : No data available |
| Log Pow | : No data available |
| Log Kow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : No data available |
| Explosive properties | : No data available |
| Oxidizing properties | : No data available |
| Explosive limits | : No data available |

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactions known under normal conditions of use.

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

None known.

10.6. Hazardous decomposition products

Thermal decomposition generates : Oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

| Citric Acid (77-92-9) | |
|-----------------------|--------------|
| LD50 oral | > 5000 mg/kg |
| LD50 dermal | > 2000 mg/kg |

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| | |
|--|-------------------|
| 2-aminoethanol (141-43-5) | |
| LD50 oral rat | > 1500mg/kg |
| LD50 dermal rabbit | > 1000 mg/kg |
| Surfactant | |
| LD50 oral rat | 1400 mg/kg |
| LD50 dermal rabbit | >5000 mg/kg |
| Ethylenediaminetetraacetic acid, tetrasodium salt (64-02-8) | |
| LD50 oral rat | 1780 mg/kg |
| LD50 dermal rabbit | No data available |

| | |
|--|---|
| Skin corrosion/irritation | : Skin Irritant Category 2 |
| Serious eye damage/irritation | : Eye Irritant Category 1 |
| Respiratory or skin sensitization | : Not classified |
| Germ cell mutagenicity | : Not classified |
| Carcinogenicity | : Not classified |
| Reproductive toxicity | : Not classified |
| Specific target organ toxicity (single exposure) | : Not classified |
| Specific target organ toxicity (repeated exposure) | : Not classified |
| Aspiration hazard | : May be fatal if swallowed and enters airways. |
| Symptoms/injuries after inhalation | : Inhalation in high concentrations may cause irritation of the mucous membranes. May cause a headache. Aspiration of this material into the lungs may cause chemical pneumonia or death. |
| Symptoms/injuries after skin contact | : Contact may cause irritation. Persons with pre-existing skin disorders may be more susceptible to the effects of this product. |
| Symptoms/injuries after eye contact | : Direct contact with the eyes is likely to be irritating. May cause burns and possible corneal damage. |
| Symptoms/injuries after ingestion | : May be irritating to the mucous membranes. |
| Chronic symptoms | : No data available. |

SECTION 12: Ecological information

12.1. Toxicity

No additional information available

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

| | |
|--------------------------------|--|
| Waste treatment methods | : Do not discharge to public wastewater systems without permit of pollution control authorities. |
| Waste disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment. Dispose of contents/container to licensed waste handling facility. |

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SECTION 14: Transport information

In accordance with DOT

Transport document description : Cleaning Compound
Department of Transportation (DOT) Hazard Classes : Not Regulated

Transport by sea

No additional information available

Air transport

No additional information available

In accordance with ADR / RID / IMDG / IATA / ADN

SECTION 15: Regulatory information

15.1. US Federal regulations

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All chemical substances in this product are listed in the EPA (Environmental Protection Agency) TSCA (Toxic Substances Control Act) Inventory

SARA Section 311/312 Hazard Classes : Immediate (acute) health hazard

Citric Acid (77-92-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

2-aminoethanol (141-43-5)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Surfactant

Listed on the United States TSCA (Toxic Substances Control Act) inventory

Ethylenediaminetetraacetic acid, tetrasodium salt (64-02-8)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. International regulations

CANADA

Citric Acid (77-92-9)

Listed on the Canadian DSL (Domestic Substances List) inventory.

Surfactant

Listed on the Canadian DSL (Domestic Substances List) inventory.

Ethylenediaminetetraacetic acid, tetrasodium salt (64-02-8)

Listed on the Canadian DSL (Domestic Substances List) inventory.

15.2.2. National regulations

No additional information available

15.3. US State regulations

California Proposition 65

This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

SECTION 16: Other information

Indication of changes : Revision 5.1 – 29 January 2025 – Section 9 Updated

Other information : Author. KD

NFPA health hazard : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

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NFPA fire hazard : 0 - Materials that will not burn under typical fire conditions.
NFPA reactivity : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



HMIS III Rating

Health : 1
Flammability : 0
Physical : 0
Personal Protection :

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