

SAFETY DATA SHEET
ENVIROSAFE WATER SPOT REMOVER

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1. Product and Company Identification

Product Code: 00008
Product Name: ENVIROSAFE WATER SPOT REMOVER
Company Name: SIERRA CHEMICAL COMPANY
788 NORTPORT DRIVE
WEST, CA 95691
Phone Number: (916)371-5943
Emergency Contact: CERTS (Health/Environment only) (800)552-3787
Information: SALES (916)371-5943

2. Hazards Identification

GHS Signal Word:
GHS Hazard Phrases: H373 - May cause damage to organs through prolonged or repeated exposure.
H304 - May be fatal if swallowed and enters airways.
GHS Precaution Phrases: No phrases apply.
GHS Response Phrases: P314 - Get medical attention/advice if you feel unwell.
P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331 - Do NOT induce vomiting.
GHS Storage and Disposal Phrases: P501 - Dispose of contents/container to
P405 - Store locked up.
Potential Health Effects (Acute and Chronic): Adverse reproductive effects have been reported in animals.
Prolonged or repeated skin contact may cause defatting and dermatitis.
Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.
Skin Contact: May cause irritation with burning pain, itching and redness.
Eye Contact: May cause eye irritation.
Ingestion: May be harmful if swallowed. Aspiration hazard. May cause irritation of the digestive tract.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
14808-60-7	Quartz	<30.0 %
64742-47-8	Hydrotreated light distillate (petroleum)	<10.0 %
9016-00-6	Polydimethylsiloxane	< 1.0 %

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4. First Aid Measures

Emergency and First Aid Procedures:

- In Case of Inhalation:** If breathed in, move person into fresh air. Consult a physician. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.
- In Case of Skin Contact:** Wash off with soap and plenty of water. Remove contaminated clothing and shoes. Get medical aid if irritation develops and persists. Wash clothing before reuse.
- In Case of Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. If irritation develops, get medical aid.
- In Case of Ingestion:** Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician. Potential for aspiration if swallowed. Get medical aid immediately. If vomiting occurs naturally, have victim lean forward. Get medical aid if irritation or symptoms occur.
- Note to Physician:** Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area. Treat symptomatically and supportively.

5. Fire Fighting Measures

- Flash Pt:** > 100.00 C (212.0 F) Method Used: Closed Cup
- Explosive Limits:** LEL: N.D. UEL: N.D.
- Autoignition Pt:** NE
- Suitable Extinguishing Media:** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, dry chemical, carbon dioxide, or appropriate foam.
- Fire Fighting Instructions:** Wear self contained breathing apparatus for fire fighting if necessary.
- Further information.
The product itself does not burn. As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. Use water spray to keep fire-exposed containers cool.
- Flammable Properties and Hazards:** No data available.

6. Accidental Release Measures

- Steps To Be Taken In Case Material Is Released Or Spilled:** Personal precautions.
Use personal protective equipment.
Environmental precautions.
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
- Spills/Leaks: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Do not let this chemical enter the environment.

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7. Handling and Storage

Precautions To Be Taken in Handling: Provide appropriate exhaust ventilation at places where dust is formed. Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Avoid ingestion and inhalation.

Precautions To Be Taken in Storing: Store in a cool, dry place.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
14808-60-7	Quartz	PEL: 8825 ppm/(%SiO ₂ +5)	TLV: 0.05 mg/m ³ (R)	No data.
64742-47-8	Hydrotreated light distillate (petroleum)	No data.	TLV: 200 mg/m ³	No data.
9016-00-6	Polydimethylsiloxane	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU). Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Eye Protection: Safety glasses with side-shields conforming to EN166. Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: No data available.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid

Appearance and Odor: Off white, viscous emulsion with mild solvent odor. Petroleum-like.

Melting Point: > 0.00 C (32.0 F)

Boiling Point: > 100.00 C (212.0 F)

Decomposition Temperature: NE

Autoignition Pt: NE

Flash Pt: > 100.00 C (212.0 F) Method Used: Closed Cup

Explosive Limits: LEL: N.D. UEL: N.D.

Specific Gravity (Water = 1): 1.175 - 1.195 at 70.0 F (21.1 C)

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Evaporation Rate: No data.

Solubility in Water: NP

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pH: 6.0 - 8.0
Percent Volatile: < 65.0 % by weight.
VOC / Volume: <= 0.0000

10. Stability and Reactivity

Stability: Unstable [] Stable [X]
Conditions To Avoid - Instability: ignition sources, Incompatible materials.
Incompatibility - Materials To Avoid: Strong oxidizing agents, Strong acids, Strong bases.
Hazardous Decomposition Or Byproducts: formed under fire conditions. Nitrogen oxides, Carbon monoxide, oxides of sulfur, Carbon dioxide.
Possibility of Hazardous Reactions: Will occur [] Will not occur [X]
Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: No data available.
Respiratory or skin sensitization: Reproductive toxicity - no data available.
Specific target organ toxicity -single exposure (Globally Harmonized System) Specific target organ toxicity -repeated exposure (Globally Harmonized System)
Inhalation: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard. Epidemiology: No information found.
Teratogenicity: No information available. Reproductive Effects: Tumorigenic effects have been reported in experimental animals.

Irritation or Corrosion: No data available.

Carcinogenicity/Other Information: OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. Additional studies are needed to determine whether the cell transforming activity of quartz is related to its carcinogenic potential. CAS# 64742-47-8: Not listed by ACGIH, IARC, NTP, or CA Prop 65. CAS# 9016-00-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
14808-60-7	Quartz	Known	1	A2	n.a.
64742-47-8	Hydrotreated light distillate (petroleum)	n.a.	n.a.	A4	n.a.
9016-00-6	Polydimethylsiloxane	n.a.	n.a.	n.a.	n.a.

12. Ecological Information

General Ecological Information: Ecotoxicity: Fish: Rainbow trout: LC50 10000 mg/L; 96 Hr; Unspecified Fish: Bluegill/Sunfish: LC50 10000 mg/L; 96 Hr; Static bioassay Based on the Koc values, this substance will be immobile in soil and is expected to adsorb to particulates and organic matter in the water column. Rapid and extensive degradation is expected on dry surface soils. Some microbial degradation of small compounds is likely. High molecular weight poly(dimethylsiloxane) may bioconcentrate in aquatic organisms.
Environmental: Poly(dimethylsiloxane) with lower molecular weights exist in the atmosphere in the vapor and particulate phases. Those with higher molecular weights exist solely in the particulate phase. Particulate phase poly(dimethylsiloxane) will be removed from the atmosphere by dry deposition while vapor phase poly(dimethylsiloxane) will be degraded by the reaction with photochemically-produced hydroxyl radicals with a half-life of 32 hours.

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Physical: No information available.
Other: Do not empty into drains.

Persistence and Degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.

13. Disposal Considerations

Waste Disposal Method: Product.
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging.
Dispose of as unused product. Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.
RCRA P-Series: None listed.
RCRA U-Series: None listed.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:
DOT Hazard Class:
UN/NA Number:

Packing Group: I

LAND TRANSPORT (Canadian TDG):

TDG Shipping Name: Not Regulated.

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Forbidden.

15. Regulatory Information

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
14808-60-7	Quartz	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 1660; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
64742-47-8	Hydrotreated light distillate (petroleum)	CAA HAP,ODC: No; CWA NPDES: No; TSCA: 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
9016-00-6	Polydimethylsiloxane	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory, 8A; 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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16. Other Information

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Additional Information About No data available.

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