

MATERIAL SAFETY DATA SHEET

PAGE:	1 of 4
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1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

SES 12065



SOUND ENVIRONMENTAL SYSTEMS INC.

1941 Island Walkway

Fernandina Beach, FL 32034

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Identification of the preparation : Cationic polymer in solution

3. HAZARDS IDENTIFICATION

Spills produce extremely slippery surfaces.

4. FIRST AID MEASURES

Inhalation : Move to fresh air.

Skin contact : Wash with water and soap as a precaution. In case of persistent skin irritation, consult a physician.

Eye contact : Rinse thoroughly with plenty of water, also under the eyelids. In case of persistent eye irritation, consult a physician.

Ingestion : Do not induce vomiting due to low oral toxicity. Get immediate medical attention.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water, water spray, foam, carbon dioxide (CO₂), dry powder.

Special fire-fighting precautions : Spills produce extremely slippery surfaces.

Protective equipment for firefighters : Wear self-contained breathing apparatus approved by NIOSH.

Fire extinguishing agents to avoid: None.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : No special precautions required.

Environmental precautions : Do not contaminate water.

Methods for cleaning up : Do not flush with water. Dam up. Soak up with inert absorbent material. If liquid has been spilled in large quantities clean up promptly by scoop or vacuum. Keep in suitable and closed containers for disposal. After cleaning, flush away traces with water.

7. HANDLING AND STORAGE

Handling : Avoid contact with skin, eyes and clothing. When preparing the working solution ensure there is adequate ventilation. Do not breath vapours or spray mist. When using do not smoke.

Storage : Keep in a dry, cool place (0 - 40°C). Keep away from heat and sources of ignition. Freezing will affect the physical condition and may damage the material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering controls : Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.

Personal protection equipment

- **Respiratory protection :** In case of insufficient ventilation wear suitable respiratory equipment.

- **Hand protection :** Rubber gloves.

- **Eye protection :** Safety glasses with side-shields. Do not wear contact lenses.

- **Skin protection :** Chemical resistant apron or protective suit if splashing or contact with solution is likely.

Hygiene measures : Wash hands before breaks and at the end of workday. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid

Color : straw colored

pH : 5.0 - 7.0 for product series. See Technical Bulletin for specific value.

Flash point (°C) : Not flammable

Autoignition temperature (°C) : N/A

Odor : Slight.

Bulk density : See Technical Bulletin

Water solubility : Completely miscible.

Viscosity (mPa s) : See Technical Bulletin

10. STABILITY AND REACTIVITY

Stability :	Product is stable, No hazardous polymerization will occur..
Materials to avoid :	Oxidizing agents may cause exothermic reactions.
Hazardous decomposition products :	No decomposition if stored and applied as directed. Burning of the dried material can produce : hydrogen chloride gas, nitrogen oxides (NOx) carbon oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

- **Oral :** LD50/oral/rat > 2000 mg/kg
- **Dermal :** The product is not considered toxic based on studies on laboratory animals.
- **Inhalation :** The product is not expected to be toxic by inhalation.

Irritation

- **Skin :** May cause skin irritation.

- **Eyes :** May cause irritation.
- Sensitization :** The product is not expected to be sensitizing.
- Chronic toxicity :** NDA
- Other information :** N/A

12. ECOLOGICAL INFORMATION

Ecotoxicity:

The aquatic toxicity is highly mitigated by the presence of dissolved organic carbon in the water. Results obtained using the US EPA "Dirty Water" test show that irreversible adsorption onto suspended matter and dissolved organics (such as humic and other organic acids) present in natural waters, reduces the toxicity to aquatic organisms by a factor of over 10

Environmental fate:

The product is rapidly eliminated from the aquatic medium through irreversible adsorption onto suspended matter and dissolved organics.

- Bioaccumulation :** The product is not expected to bioaccumulate.
- Persistence / degradability :** No data available.

13. DISPOSAL CONSIDERATIONS

Waste from residues / unused products : In accordance with federal, state and local regulations.

Contaminated packaging : Rinse empty containers with water and use the rinse water to prepare the working solution. Can be landfilled or incinerated, when in compliance with local regulations.

14. TRANSPORT INFORMATION

Not regulated by DOT.

15. REGULATORY INFORMATION

All components of this product are on the TSCA and DSL inventories.

RCRA status : Not a hazardous waste.

Hazardous waste number : Not applicable

Reportable quantity (40 CFR 302) : Not applicable

Threshold planning quantity (40 CFR 335) : Not applicable

HMIS & NFPA Ratings	HMIS	NFPA
Health :	1	1
Flammability :	0	0
Reactivity :	0	0

16. OTHER INFORMATION

Person to contact : Regulatory Affairs Manager