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Richmond. IN 47374  
(765) 966-5084

**Product Name:** ACS GAS LOG CARBON & SOOT REMOVER™ **Date:** 2-21-05

**MSDS Number:** CSR-111 **CAS Number:** NA **Prepared by:** Greg Herbert

### SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

**Principal hazardous component(s) (chemical & common names)** p.c. **Threshold Limit Value (units)**  
Maganese Compound\*

\*Percentage content of ingredients withheld as a trade secret pursuant to Massachusetts regulations\*

### SECTION 2 - PHYSICAL & CHEMICAL CHARACTERISTICS

**Appearance and odor:** ----- Clear Solution  
**Boiling point:** ----- 212°F  
**Vapor pressure (mm Hg and temperature):**----- NA  
**Vapor density (air = 1):** ----- NA  
**Evaporation rate:** ----- NA  
**Solubility in water:** ----- 100%  
**Water reactive:** ----- Not Reactive  
**Specific gravity:** ----- 1.02  
**% volatile by volume:**----- 0%

### SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

**Flash point and method used:** ----- NA  
**Auto-ignition temperature:** ----- NA  
**Flammability limits in air % by volume:** ----- Non Flammable  
**Extinguishing media:** ----- Carbon dioxide, dry chemical, or water  
**Special fire fighting procedures:** ----- None  
**Unusual fire and explosion hazards:** ----- None

### SECTION 4 - REACTIVITY HAZARD DATA

**Stability:** ----- NA  
**Conditions to avoid:** ----- None known to SaverSystems  
**Incompatibility (materials to avoid):** ----- Bases and oxidizers  
**Hazardous decomposition products:** ----- Carbon Monoxide, Carbon Dioxide  
**Hazardous polymerization:** ----- NA  
**Conditions to avoid:**----- NA

## SECTION 5 - HEALTH HAZARD DATA

**Primary routes of entry:**

  X   Inhalation      X   Skin Absorption    \_\_\_\_\_ Ingestion    \_\_\_\_\_ Not Hazardous

**Carcinogen listed in:**

\_\_\_\_\_ NTP    \_\_\_\_\_ IARC Monograph    \_\_\_\_\_ OSHA    \_\_\_\_\_ Not Listed

**Signs and symptoms of exposure:** See health hazards

**Acute overexposure:** Skin: no skin irritation is expected. Eyes: mildly irritating to the eyes. Breathing: mist may cause mild irritation to upper respiratory tract. Ingestion: none known.

**Medical conditions generally aggravated by exposure:** None known.

**Emergency and first aid procedures -** Seek medical assistance for further treatment, observation, and support.

**Eye contact:** Immediately flush with clear water for 15 minutes. Seek additional medical treatment.

**Skin contact:** Wash with soap and water. See physician if irritation occurs.

**Inhalation:** Remove to fresh air.

**Ingestion:** Do not induce vomiting. Dilute contents of stomach with 3-4 glasses of milk or water. Contact a physician.

## SECTION 6 - CONTROL AND PROTECTIVE MEASURES

**Respiratory protection (specify type):** Insure adequate ventilation.

**Protective gloves:** Wear resistant gloves

**Eye protection:** Chemical splash goggles

**Ventilation:**

**Local exhaust:**

**Mechanical (general):** Recommended

**Special:**

**Other (Specify):** Positive pressure in interior of occupied buildings during exterior application.

**Other protective clothing and equipment:** Wear impervious clothing and boots.

**Hygienic work practices:** Wash thoroughly with soap and water after use.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE/LEAK PROCEDURES

**Steps to be taken if material is spilled or released:** Ventilate area, absorb with absorbent material, and place in proper waste disposal containers.

**Waste disposal methods:** In accordance with local, state, and federal regulations.

**Precautions to be taken in handling and storage:** Keep containers closed. Protect from freezing.

**Other precautions and/or special hazards:** None

<b>NFPA Rating:</b>	Health <u>  1  </u>	Flammability <u>  0  </u>	Reactivity <u>  0  </u>	Special <u>      </u>
<b>HMIS Rating:</b>	Health <u>  1  </u>	Flammability <u>  0  </u>	Reactivity <u>  0  </u>	Special <u>  B  </u>