

800 S. 7th Street
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

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