

800 S. 7th Street
Richmond. IN 47374
(765) 966-5084

Product Name: ANTI-CREO-SOOT ACS POWDER™

Date: 3-12-07

MSDS Number: ACS-120 **CAS Number:** Specialty Chemical/Mixture

Prepared by: Greg Herbert

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

Principal hazardous component(s) (chemical & common names)		p.c.	Threshold Limit Value (units)
Calcium Hydroxide	001305-62-0	*	5 mg/m3
Sodium Bicarbonate	000144-55-8	*	N.E.
Magnesium Hydroxide	001309-42-8	*	N.E.

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

SECTION 2 - PHYSICAL & CHEMICAL CHARACTERISTICS

Appearance and odor: ----- None
Boiling point: ----- NA
Vapor pressure (mm Hg and temperature):----- NA
Vapor density (air = 1): ----- Solid, heavier than air
Evaporation rate: ----- NA
Solubility in water: ----- Partially Soluable
Water reactive: ----- NA
Specific gravity: ----- 1.5148
% volatile by volume:----- NA

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flash point and method used: ----- NA
Auto-ignition temperature: ----- NA
Flammability limits in air % by volume: ----- NA
Extinguishing media: ----- Carbon dioxide, dry chemical, or water.
Special fire fighting procedures: ----- None
Unusual fire and explosion hazards: ----- Not considered a fire hazard when involved in a fire. Water runoff can cause enviromental damage; dike and collect water used to fight fire.

SECTION 4 - REACTIVITY HAZARD DATA

Stability: ----- Stable
Conditions to avoid: ----- Avoid all forms of contamination; Hygroscopic protect from moisture.
Incompatibility (materials to avoid): ----- Acids
Hazardous decomposition products: ----- None known to SaverSystems.
Hazardous polymerization: ----- Will not occur under normal conditions.

SECTION 5 - HEALTH HAZARD DATA

Primary routes of entry:

 X Inhalation X Skin Absorption X Ingestion _____ Not Hazardous

Carcinogen listed in:

_____ NTP _____ IARC Monograph _____ OSHA _____ Not Listed

Signs and symptoms of exposure: Severe irritation

Acute overexposure: Eyes: can cause irritation. Skin: can cause irritation. Swallowing: may result in damage to tissue and internal organs. Can cause nausea, vomiting, and diarrhea, if swallowed.

Chronic overexposure: May cause lung damage.

Medical conditions generally aggravated by exposure: Defatting, drying of skin, dermatitis. Eye or skin irritation.

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

Eye contact: Flush with large amounts of water. Get medical attention.

Skin contact: Flush with large amounts of water. Get medical attention. Wash clothes separately before re-use.

Inhalation: Remove to fresh air. Get medical attention.

Ingestion: Get medical attention immediately.

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory protection (specify type): A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin Protection: Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent). The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Impervious gloves. Consult your glove manufacturer for compatibilities.

Eye protection: Wear chemical safety glasses with side shields or goggles. DO NOT WEAR CONTACT LENSES.

Engineering Controls: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Other protective equipment: An eye wash and safety shower should be present in the immediate area when handling this product.

Hygienic work practices: Wash hands before eating. Remove contaminated clothing and wash before reuse. Avoid contact with eyes, skin, and clothing.

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

Handling: Wash thoroughly after handling. Do not get in eyes, on skin, or on clothing.

Storage: Keep container closed when not in use. Avoid storing next to strong acids. This product should be stored in clean, dry areas. Store under a controlled environment. Avoid excessive heat.

Precautions to be taken in handling and storage: Store cool, dry place. Do not freeze.

Other precautions and/or special hazards:

NFPA Rating:	Health <u> 2 </u>	Flammability <u> 0 </u>	Reactivity <u> 0 </u>	Special <u> 0 </u>
HMIS Rating:	Health <u> 2 </u>	Flammability <u> 0 </u>	Reactivity <u> 0 </u>	Special <u> H </u>