

## **I - PRODUCT IDENTIFICATION**

Product: Dry Filter Cleaner  
Chemical Family:  
Formula:  
CAS Number:  
Synonyms:

## **COMPANY IDENTIFICATION**

AllChem Performance Products  
6010 NW First Place  
Gainesville, FL 32607  
Tel:352-378-9696

## **II – COMPOSITION, INFORMATION ON INGREDIENTS**

	Exposure Limits	
Chemical or Common Name:	OSHA PEL:	ACGIH TLV:
Proprietary blend of inorganic & organic acids 99.5%	NE	NE

Hazard: Corrosive

\*NE - not established

## **III – HAZARDS IDENTIFICATION**

Primary Route(s) of Entry:

Ingestion:   
Inhalation:   
Skin Contact:   
Eye Contact:

Primary Health Hazards (Acute and Chronic):

Carcinogenity Listings:

OSHA:   
NTP:   
IARC:

Signs & Symptoms of Exposure:

Ingestion:  
Inhalation: Irritation to the breathing passage  
Skin Contact: Irritation to the skin  
Eye Contact: Irritation to the eyes

Medical Conditions Aggravated By Exposure: Open wounds, respiratory problems

## **IV – FIRST AID MEASURES**

Emergency and First Aid Procedures:

Ingestion: Can cause serious damage to mouth, esophagus, and stomach

Inhalation: Causes coughing and irritation of the nose, throat, and mucous membranes.

Skin Contact: May cause mild irritation to skin. Prolonged contact can be more severe if not flushed with water.

Eye Contact: May cause burns and destruction of tissues if not flushed with water. Small quantities may cause serious damage.

## **V - FIRE FIGHTING MEASURES**

### **FIRE AND EXPLOSION HAZARD DATA**

Flash Point (PMCC): N/A

Flammable Limits:

LEL: N/A

UEL: N/A

Extinguishing Media: Water spray, dry chemical, carbon dioxide or alcohol foam as appropriate.

Special Fire-fighting Procedures: Evacuate area of unprotected personnel. Wear protective clothing including NIOSH-Approved self-contained breathing apparatus. Run-off from fire control may cause pollution. Water solutions are strongly acidic.

Unusual Fire and Explosion Hazards: May release sulfur dioxide, sulfur trioxide and ammonia if involved in a fire.

## **VI – ACCIDENTAL RELEASE MEASURES**

Steps To Be Taken In Case Material Is Spilled Or Released:

Large Spills: Evacuate unprotected personnel from area. Maintain adequate ventilation. Use proper safety equipment.

Small Spills: Sweep up material into containers for neutralizing with soda ash. Flush area with water

## **VII – HANDLING AND STORAGE**

Precautions to Be Taken in Handling and Storage: Store in a dry, cool location. Keep container closed after each use.

Other Precautions: Wear acid resistant gloves, chemical safety goggles, rubber apron, chemical safety shoes, and protective clothing to cover skin. Maintain Eyewash station. Provide a safety shower in the area.

## **VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION**

Respiratory Protection: Use U.S. Bureau of Mines-Approved dust mask to control exposure below nuisance dust level of 10 mg/M<sup>3</sup>.

Ventilation:

Local Exhaust: Dust collector is recommended. Keep dust level below 10 mg/M<sup>3</sup>

Mechanical Exhaust: Keep dust levels below recommended TLV.

Other Protective Clothing or Equipment: Rubber Gloves, chemical safety glasses or goggles, and protective apron & clothing.

Work/ Hygienic Practices: Avoid contact with skin and eyes. Do not swallow. Use with adequate ventilation. Avoid prolonged or repeated breathing or vapors. Wash thoroughly after handling. Avoid dust or mist formation.

## **IX - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point: Decomposes @ 209°C

Vapor Pressure (mm Hg): N/A

Vapor Density (Air=1): N/A

Solubility in Water: Completely Soluble

Appearance and odor: Off white: mild acidic odor

Specific Gravity (H<sub>2</sub>O=1):

Percent volatile by volume:

Melting Point: Decomposes

Evaporation Rate (butyl Acetate=1): N/A

Bulk Density, Kg/L: 83 Lbs/Cu.Ft.

Viscosity: N/A

pH (neat): 1% Sol. = 1.18

## **X – STABILITY AND REACTIVITY**

Stability:         Unstable                       Stable

Conditions to Avoid: Avoid temperatures above 400°F. Hygroscopic materials. Avoid contact with moisture.

Incompatibility: Cyanides, sulfides, chlorine, hypochlorites. Avoid contact with strong alkaline materials such as caustic. Reacts with water to form weak sulfuric acid solution.

Hazardous Decomposition or By-Products: None unless heated over 570°F at which sulfur dioxide and sulfur trioxide if formed.

Hazardous Polymerization:                       May Occur                       Will Not Occur

Conditions to Avoid:

## **XI- TOXICOLOGICAL INFORMATION**

Acute Toxicity:  
Target Organ Toxicity:  
Reproductive and Development Toxicity:  
Carcinogenicity:  
Mutagenicity:

## **XII – ECOLOGICAL INFORMATION**

Aquatic Toxicity:  
Avian Toxicity:

## **ENVIRONMENTAL HAZARDS (PR Notice 93-10)**

This product is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water board or Regional Office of the EPA.

## **XIII – DISPOSAL CONSIDERATIONS**

Waste Disposal Method: Neutralize with soda ash or lime and flush to sewer if approved by Federal, State and local authority.  
Product Disposal: If approved by Federal, State, and local regulations, neutralize with soda ash or lime and flush in sewer.  
Container Disposal: Dispose of at an approved landfill site or waste treatment facility.

## **XIV - TRANSPORTATION DATA**

U.S. Department of Transportation - 49 CFR

Proper Shipping Name: Corrosive Solids, N.O.S., (Contains Sulfamic Acid)  
Hazard Class/Division Number: 8  
ID Number: UN 1759  
Packing Group: III  
Label Required: Corrosive  
Placard Required:  
Marine Pollutant:  
Emergency Telephone Number: Chemtrec 800-424-9300

International Maritime Organization - IMDG

Proper Shipping Name: Corrosive Solids, N.O.S., (Contains Sulfamic Acid)

Hazard Class/Division Number: 8

ID Number: UN 1759

Packing Group: III

Label Required: Corrosive

Placard Required:

Marine Pollutant:

Emergency Telephone Number: Chemtrec 202-483-7616 [call collect]

**XV - REGULATORY INFORMATION**

This chemical appears on the following lists:

- () SARA Section 313
- () TSCA

**XVI - ADDITIONAL INFORMATION**

**ALWAYS COMPLY WITH ALL APPLICABLE INTERNATIONAL, FEDERAL, STATE AND LOCAL REGULATIONS REGARDING THE TRANSPORTATION, STORAGE, USE AND DISPOSAL OF THIS CHEMICAL.**

Due to the changing nature of regulatory requirements, the REGULATORY INFORMATION listed in Section XV of this document should NOT be considered all-inclusive or authoritative. International, Federal, State and Local regulations should be consulted to determine compliance with all required reporting requirements.

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Revised: 07/18/2004