

MATERIAL SAFETY DATA SHEET
Effective Date: 07/26/10

AC 2602 PA

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: AC 2602 PA

Manufacturer: G. S. Robins and Company
126 Chouteau Avenue
St. Louis, MO 63102
(314) 621-5155

Chemical Name/Synonyms:
Polyaluminum Hydroxychloride Solution for Water Treatment

CAS Registry Number: Mixture, see below

EMERGENCY PHONE NUMBER:
CHEMTREC: (800) 424-9300

2 COMPOSITION / INFORMATION ON INGREDIENTS OSHA HAZARDS

Component	CAS Number	% By Weight	OSHA PEL	ACGIH TLV
Aluminum Hydroxychloride	12042-91-0	Trade Secret	2mg/m ³ *Aluminum. Soluble Salts (as Al)	2mg/m ³
Water Soluble Polymer	26062-79-3	Trade Secret	N/A	N/A
Water	7732-18-9	Trade Secret	N/A	N/A

3 HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: May cause irritation to eyes, skin or respiratory tract.

POTENTIAL HEALTH EFFECTS:

Routes of Exposure: Inhalation, ingestion, eyes and skin.
Inhalation: Inhaling dust or mist created during use may injure the respiratory system and cause an adverse lung reaction.
Eye Contact: Corrosive; can cause injury or irritation.
Skin Contact: Corrosive; can cause injury or irritation.
Ingestion: May cause gastrointestinal discomfort.
Cancer: N/A
Target Organs: N/A
Medical Conditions Aggravated
By Exposure: N/A
Subchronic/Chronic
Exposure: N/A

4 FIRST AID MEASURES

Inhalation: Move to fresh air. If breathing has stopped, perform artificial respiration. Call a physician.
Eye Contact: Flush thoroughly with water for at least 15 minutes, also under the eyelids. In case of persistent eye irritation, consult a physician.
Skin Contact: Wash with water and soap as a precaution. In case of persistent skin irritation, consult a physician.
Ingestion: The product is not considered toxic based on studies on laboratory animals.

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5 FIRE FIGHTING MEASURES

<i>Flash Point:</i>	Product not flammable.
<i>Extinguishing Media:</i>	Cool containers with water fog.
<i>Fire Fighting Instructions:</i>	Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.
<i>Fire & Explosion Hazards:</i>	Hazardous chlorine compounds form.
<i>Decomposition Products:</i>	N/A

6 ACCIDENTAL RELEASE MEASURES

<i>General:</i>	Use absorbent material to collect and contain. Place solid residue into drums or other appropriate containers for off-site disposal.
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7 HANDLING AND STORAGE

<i>Handling:</i>	Avoid contact with skin, eyes, and clothing. Do not breathe vapors or mist. When using do not smoke. Practice good hygiene.
<i>Storage:</i>	Keep in a dry cool place. Store between 32F/0C and 120F/49C. Avoid exposure to continuous high temperatures.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<i>Engineering Controls:</i>	General exhaust recommended. Have suitable respiratory dust/mist type available for use.
<i>Personal Protection:</i>	Safety glasses at a minimum, goggles if splashing could occur. No respiratory protection should be needed unless dusts or mist is created during use.
<i>Work Practices:</i>	Wash thoroughly after handling.
<i>Unsatisfactory Materials Of Construction:</i>	N/A

9 PHYSICAL AND CHEMICAL PROPERTIES

<i>Appearance:</i>	Clear liquid
<i>Specific Gravity:</i>	~ 1.3
<i>Vapor Pressure:</i>	No specific information
<i>Vapor Density:</i>	N/D
<i>Solubility in Water:</i>	Miscible
<i>Freezing Point:</i>	< 0 degrees C
<i>% Volatile by Weight:</i>	No specific information
<i>Boiling Point:</i>	100
<i>Flash Point:</i>	None
<i>pH:</i>	2.0 – 4.0

10 STABILITY AND REACTIVITY

<i>Stability:</i>	Stable
<i>Hazardous Polymerization:</i>	No hazardous polymerization will occur.
<i>Conditions to Avoid:</i>	Exposure to above and continuous high temperatures.
<i>Incompatibility:</i>	N/A
<i>Decomposition Products:</i>	Thermal decomposition may release toxic aluminum and chloride compounds.

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11 TOXICOLOGICAL INFORMATION

No data available

12 ECOLOGICAL INFORMATION

No data available

13 DISPOSAL CONSIDERATIONS

Disposal Guidance: Dispose of in accordance with federal, state and local regulations.
Other Information: N/A

14 TRANSPORTATION INFORMATION

DOT Hazardous Materials Classification:

Class/Division:
Proper Shipping Name: Not regulated
Label:
Packing Group:
ID Number:

15 REGULATORY INFORMATION

TSCA: Appears on the EPA TSCA inventory list.
RCRA: N/A
CERCLA: N/A
SARA Sect. 302
(EHS) List: NO
SARA Sect. 311/312
Hazard Categories: Immediate Health
SARA Sect 313
(Toxic Chemical) List: NO
OSHA Hazcom Status: N/A
IARC: N/A
NTP Annual Report
on Carcinogens: N/A
OSHA Carcinogen: N/A

16 OTHER INFORMATION

National Fire Protection Association (NFPA) Classification:

Health: 1
Flammability: 0
Reactivity: 0
PPE: 0

Hazardous Materials Information Systems (HMIS) Classification:

Health: 1
Flammability: 0
Reactivity: 0
PPE: 0

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This Material Safety Data Sheet and the information it contains are offered to you in good faith as accurate. We have reviewed any information contained in this data sheet, which contains information from sources outside of our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as a permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.