

Robin 300A

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Robin 300A

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

Chemical Name/Synonyms:
Polymer for Water Treatment

EMERGENCY PHONE NUMBER
CHEMTREC: (800) 424-9300

2 COMPOSITION / INFORMATION ON INGREDIENTS OSHA HAZARDS

Component	CAS Number	% By Weight	OSHA PEL	ACGIH TLV
Water Soluble Polymer Powder	Varies	Trade Secret	N/A	N/A

3 HAZARD IDENTIFICATION

EMERGENCY OVERVIEW: Spills produce extremely slippery surfaces. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

POTENTIAL HEALTH EFFECTS:

Routes of Exposure: Inhalation, ingestion, direct contact with skin, eye exposure.
Inhalation: Inhalation may cause irritation to the mucous membranes.
Eye Contact: May cause eye irritation.
Skin Contact: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is abraded (scratch or cut).
Ingestion: This product is not considered toxic based on studies on laboratory animals.
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: If a large amount of this product is ingested, seek medical attention.

Robin 300A

5 FIRE FIGHTING MEASURES

Flash Point: Product not flammable.
Extinguishing Media: Cool containers with water fog.
Fire Fighting Instructions: Use whatever extinguishing media is appropriate. Respiratory and eye protection required. Spills produce extremely slippery surfaces.
Fire & Explosion Hazards: N/A
Decomposition Products: N/A

6 ACCIDENTAL RELEASE MEASURES

General: No special precautions required. Collect the residues for proper disposal. Do not contaminate water. DO NOT flush with water. Dike and soak up with inert absorbent material. If liquid has been spilled in large quantities, clean up promptly by scoop or vacuum.

7 HANDLING AND STORAGE

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

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: General exhaust recommended. Wear suitable respiratory protection for dust/mist.
Personal Protection: Safety glasses at a minimum, goggles if splashing could occur. Respiratory protection should be used if dust levels exceed 10mg/m³.
Work Practices: Wash thoroughly after handling. Handle in accordance with good industrial hygiene and safety practices.
Unsatisfactory Materials Of Construction: N/A

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: white granular or powdered solid
Specific Gravity: not specified
Vapor Pressure: not specified
Vapor Density: not specified
Solubility in Water: completely soluble
Freezing Point: not specified
% Volatile by Weight: not specified
Boiling Point: not specified
Flash Point: not specified
pH: 3 - 6 @ 5g/l

10 STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: No hazardous polymerization will occur.
Conditions to Avoid: Oxidizing agents may cause exothermic reactions.
Incompatibility: N/A
Decomposition Products: Thermal decomposition may produce: hydrogen chloride gas, nitrogen oxides (Nox), and carbon oxides.

Robin 300A

11 TOXICOLOGICAL INFORMATION

Acute

Oral LD50 Rat: 5000 mg/kg
Oral LD50 Mouse: 1720 mg/kg

12 ECOLOGICAL INFORMATION

Ecotoxicity:

The effect of this product on aquatic organisms is rapidly and significantly mitigated by the presence of dissolved organic carbon in the aquatic environment as found in most surface waters. The US EPA "dirty water" tests show that irreversible adsorption onto suspended material and dissolved organic material (such as humic and/or other organic acids) present in natural waters can reduce the toxicity to aquatic organisms by a factor of greater than 10.

Environmental Fate: The product is rapidly eliminated from the aquatic medium through irreversible adsorption onto suspended matter and dissolved organics.

Bioaccumulation: Does not bioaccumulate.

Persistence/ Degradability: NDA

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

CA Proposition 65:

Robin 300A

16 OTHER INFORMATION

National Fire Protection Association (NFPA) Classification:

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

Hazardous Materials Information Systems (HMIS) Classification:

Health: 1
Flammability: 1
Reactivity: 0
PPE:

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.