



MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: G-418 DISULFATE
COMMON NAME: G-418
RPI CATALOG #: G64000
SUPPLIER'S NAME: Research Products International Corp.
SUPPLIER'S ADDRESS: 410 N. Business Center Dr.
Mt. Prospect, IL 60056
EMERGENCY CONTACT: 1-800-424-9300
OTHER INFORMATION: 847-635-7330

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS #: 108321-42-2
MOLECULAR FORMULA: $C_{20}H_{40}N_4O_{10} \cdot 2H_2SO_4$

SECTION 3 - HAZARDS IDENTIFICATION

Label precautionary statement: Harmful. Harmful by inhalation, in contact with skin and if swallowed.

SECTION 4 - FIRST-AID MEASURES

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. If swallowed, wash out mouth with water provided person is conscious. Call a physician. In case of contact, immediately wash skin with soap and copious amounts of water. In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing media: water spray, dry chemical powder or foam.

Special fire fighting procedures: wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Unusual fire and explosions hazards: carbon oxides, nitrogen oxides, sulfur oxides.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Wear self-contained breathing apparatus, rubber boots and heavy rubber gloves. Sweep up, place in a bag and hold for waste disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION 7 - HANDLING AND STORAGE

Refer to section 8.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Safety shower and eye bath. Mechanical exhaust required. Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure. NIOSH/MSHA-approved respirator. Compatible chemical-resistant gloves. Chemical safety goggles. Keep tightly closed. Store in a cool dry place. Wash thoroughly after handling.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odor: white, solid.

SECTION 10 - STABILITY AND REACTIVITY

Stability: stable.

Incompatibilities: strong oxidizing agents.

Hazardous combustion or decomposition products: carbon monoxide, carbon dioxide, nitrogen oxides.

Hazardous polymerization: will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute effects: may cause skin irritation. May be harmful if absorbed through the skin. To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. RTECS #: CB9378500 . See actual entry in RTECS for complete information.

SECTION 12 - ECOLOGICAL INFORMATION

Data not yet available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state and local environmental regulations.

SECTION 14 - TRANSPORT INFORMATION

Non-regulated.

SECTION 15 - REGULATORY INFORMATION

European information: Toxic. R20/21/22, harmful by inhalation, in contact with skin and if swallowed. R61, May cause harm to unborn child. Reviews, standards, and regulations, OEL=MAK.

SECTION 16 - OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Research Products International Corp. shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.