

BG513

MATERIAL SAFETY DATA SHEET (SUBSTITUTES FOR OSHA FORM 174): May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.

PRODUCT NUMBER: 513
IDENTITY: ELECTRON

20A

Revision Date: 03/26/2002

Section I

Manufacturer's Name: B & G CHEMICAL SALES
Address: P.O. BOX 668

LAKE DALLAS
State: TX Zip Code: 75065

Telephone Numbers:
Emergency:
800/255-3924
Information:
972/849-8630

HMS CODES: REACTIVITY: 1 FLAMMABILITY: 0 HEALTH: 2 PERSONAL PROTECT: B

Section II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION (All of the ingredients contained in this product are listed on the TSCA inventory.)

| Name | Cas No. | OSHA PEL | ACGIH TLV | OTHER LIM | % |
|-------------------|----------|----------|-----------|-----------|-----|
| CARBON DIOXIDE | 124-38-9 | 5000 PPM | 5000 PPM | N/A | --- |
| TRICHLOROETHYLENE | 79-01-6 | 100PPM | 50PPM | N/A | --- |
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Comment:

THIS PRODUCT CONTAINS THE TOXIC CHEMICALS MARKED WITH AN * SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40CFR372.

THIS PRODUCT CONTAINS CHEMICAL(S) MARKED WITH A + KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

Section III: PHYSICAL/CHEMICAL CHARACTERISTICS

| | | | |
|-----------------------|---------------------------------------|----------------------------|------|
| Boiling Point: | 165 | Specific Gravity (water=1) | 1.46 |
| Vapor Pressure(mm Hg) | 59 | Melting Point: | N/A |
| Vapor Density(AIR=1) | >1 | Evaporation Rate: | >1 |
| Solubility in water: | 0% | (Butyl Acetate=1) | |
| Appearance and Odor: | CLEAR SPRAY, CHLORINATED SOLVENT ODOR | | |

Section IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point(Method Used):NONE Flammable Limits: LEL:N/A UEL: N/A
Extinguishing Media: STANDARD DRY CHEMICAL FIRE EXTINGUISHER.
Special Fire Fighting Procedures: SELF CONTAINED BREATHING APPARATUS.

Unusual Fire and Explosion Hazards: CONTENTS UNDER PRESSURE. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING. MAY DEVELOP A FLAMMABLE ATMOSPHERE IN CONFINED AREAS.

Section V: REACTIVITY DATA

PRODUCT NUMBER: 513

Stability: Unstable: Conditions to avoid:
 Stable: X TEMPERATURES ABOVE 120 F, HOT SURFACES
 Incompatibility (Materials to Avoid): SOME PLASTICS

Hazardous Decomposition or Byproducts: EXPOSURE TO RED HOT SURFACES MAY PRODUCE PHOSGENE, CARBON MONOXIDE AND HYDROGEN CHLORIDE GASES.
 Hazardous Polymerization: May Occur: Will Not Occur: X
 Conditions to Avoid: NONE KNOWN

Section VI: HEALTH HAZARD DATA

Routes of Entry: Inhalation: YES Skin: YES Ingestion: YES
 Health Hazards (Acute and Chronic):
 INHALATION: DIZZINESS. PROLONGED EXPOSURE MAY LEAD TO UNCONSCIOUSNESS.
 EYES: STRONG IRRITATION. SKIN: MILD IRRITATION. MAY CAUSE LOCALIZED DEFATTING OF SKIN. INGESTION: NAUSEA, VOMITING, UNCONSCIOUSNESS OR DEATH.
 Carcinogenicity: NTP:NO IARC Monographs: Yes OSHA Reg: NO
 Signs and Symptoms of Exposure: SEE HEALTH HAZARDS

Medical Conditions Generally Aggravated by Exposure: EXCESSIVE EXPOSURE WILL AGGRAVATE RESPIRATORY, CARDIOVASCULAR OR PULMONARY ILLNESSES.

Emergency and First Aid Procedures: INHALATION: REMOVE TO FRESH AIR. EYES: FLUSH WITH WATER FOR 15 MINUTES. SKIN: WASH IMMEDIATELY WITH SOAP AND WATER AND CONTACT PHYSICIAN IF IRRITATION PERSISTS. INGESTION: CONSULT PHYSICIAN IMMEDIATELY.

Section VII: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case Material is Released or Spilled: WIPE UP WITH RAG OR USE SOME ABSORBENT CLAY MATERIAL.

Waste Disposal Method: DISPOSE OF RESIDUE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL GUIDELINES. DO NOT PUNCTURE OR INCINERATE CONTAINER. DO NOT REUSE CONTAINER. WRAP CONTAINER AND PLACE IN TRASH COLLECTION.

Precautions to be Taken in Handling and Storing: DO NOT STORE OR USE NEAR HEAT OR OPEN FLAME. EXPOSURE TO TEMPERATURES ABOVE 120 F MAY CAUSE BURSTING.

Other Precautions: VAPOR MAY COLLECT IN LOW LYING AREAS.

Section VIII: CONTROL MEASURES

Respiratory Protection: USE ONLY IN WELL VENTILATED AREAS.
 Ventilation: Local Exhaust: YES
 Mechanical: N/A Special: N/A
 Other: N/A
 Protective Gloves: RECOMMENDED
 Eye Protection: SAFETY GOGGLES ARE RECOMMENDED WHENEVER CHEMICALS ARE USED.
 Other Protective Clothing or Equipment:
 GLOVES AND SAFETY GLASSES ARE RECOMMENDED ANYTIME CHEMICALS ARE HANDLED.
 Work/Hygienic Practices:
 WASH HANDS AFTER USE.