

CAROLINA BIOGOLICAL SUPPLY -- P-N 87-2810 LUMINOL - NONE
MATERIAL SAFETY DATA SHEET
NSN: 685000D006721
Manufacturer's CAGE: 59896
Part No. Indicator: A
Part Number/Trade Name: P/N 87-2810 LUMINOL

=====
General Information
=====

Item Name: NONE
Company's Name: CAROLINA BIOGOLICAL SUPPLY CO
Company's Street: 2700 YORK RD
Company's City: BURLINGTON
Company's State: NC
Company's Country: US
Company's Zip Code: 27215-3387
Company's Emerg Ph #: 910-584-0381(CHEMTREC 800-424-9300)
Company's Info Ph #: 910-584-0381
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 22NOV96
Safety Data Review Date: 29MAY97
MSDS Preparer's Name: UNKNOWN
MSDS Serial Number: CDXJB
Specification Number: NONE
Spec Type, Grade, Class: NONE
Hazard Characteristic Code: N1
Unit Of Issue Container Qty: 10 GRAMS
Type Of Container: UNKNOWN
Net Unit Weight: 0.02 LB

=====
Ingredients/Identity Information
=====

Proprietary: NO
Ingredient: LUMINOL OR 5-AMINO-2, 3-DIHYDRO-1, 4-PTHALAZINEDIONE
Ingredient Sequence Number: 01
Percent: 100
NIOSH (RTECS) Number: TH8890060
CAS Number: 521-31-3
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Other Recommended Limit: NONE RECOMMENDED

Physical/Chemical Characteristics

Appearance And Odor: YELLOW POWDER.
Boiling Point: UNKNOWN
Melting Point: 606F,319C
Vapor Pressure (MM Hg/70 F): UNKNOWN
Vapor Density (Air=1): UNKNOWN
Specific Gravity: UNKNOWN
Decomposition Temperature: UNKNOWN
Evaporation Rate And Ref: UNKNOWN
Solubility In Water: APPRECIABLE
Viscosity: UNKNOWN
Corrosion Rate (IPY): UNKNOWN

Fire and Explosion Hazard Data

Flash Point: NONE
Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM.
Special Fire Fighting Proc: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTER'S PROTECTIVE GEAR.
Unusual Fire And Expl Hazrds: THERMAL DECOMPOSITION PRODUCES TOXIC FUMES.

Reactivity Data

Stability: YES
Cond To Avoid (Stability): NONE.
Materials To Avoid: OXIDIZERS.
Hazardous Decomp Products: OXIDES OF NITROGEN (NOX), OXIDES OF CARBON (COX).
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): WILL NOT OCCUR.

Health Hazard Data

LD50-LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE: MAY CAUSE SKIN & EYE IRRITATION.
INGESTION MAY CAUSE GATROINTESTINAL DISCOMFORT. INHALATION MAY CAUSE

IRRITATION TO RESPIRATORY TRACT. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NO INGREDIENT OF A CONCENTRATION OF 0.1% OR GREATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.

Signs/Symptoms Of Overexp: SKIN-IRRITATION. EYES-IRRITATION. INGESTED- GI TRACT IRRITATION. INHALED-RESPIRATORY IRRITATION.

Med Cond Aggravated By Exp: NO DATA AVAILABLE.

Emergency/First Aid Proc: IN ALL CASES GET MEDICAL ATTENTION. EYES- FLUSH WITH WATER FOR 15 MINUTES, LIFT LIDS. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH THOROUGHLY WITH WATER. INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS NEEDED. INGESTED-IF CONSCIOUS, GIVE PLENTY OF WATER, LIFT LIDS. CONTACT POISON CONTROL CENTER & OBTAIN IMMEDIATE MEDICAL ATTENTION.

=====
Precautions for Safe Handling and Use
=====

Steps If Matl Released/Spill: VENTILATE AREA OF SPILL. CLEAN-UP PERSONNEL SHOULD WEAR PROPER PROTECTIVE EQUIPMENT. AVOID CREATING DUST. SWEEP OR SCOOP UP AND CONTAINERIZE FOR DISPOSAL.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Method: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL ENVIRONMENTAL REGULATIONS. ALWAYS CONTACT A PERMITTED WASTE DIPOSER (TSD) TO ASSURE COMPLIANCE. EPA HAZWASTE NUMBER: NONE.

Precautions-Handling/Storing: KEEP CONTAINER CLOSED & PROTECTED FROM PHYSICAL DAMAGE. STORE AT CONTROLLED ROOM TEMPERATURE AWAY FROM OXIDIZING MATERIALS.

Other Precautions: DO NOT BREATH DUST. DO NOT GET IN EYES, ON SKIN OR ON CLOTHES.

=====
Control Measures
=====

Respiratory Protection: NONE NORMALLY REQUIRED. DLA-HMIS:IF ENGINEERING CONTROLS FAIL OR NON-ROUTINE USE OR AN EMERGENCY OCCURS; WEAR AN MSHA/NIOSH APPROVED RESPIRATOR OR AN AIR-SUPPLIED RESPIRATOR OR SCBA, AS REQUIRED. USE IAW 29 CFR 1910.134.

Ventilation: USE ADEQUATE MECHANICAL VENTILATION OR LOCAL EXHAUST TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves: RUBBER, NEOPRENE, PVC OR EQUIVALENT.

Eye Protection: CHEMICAL SPLASH GOGGLES.

Other Protective Equipment: LAB COAT, EYE WASH STATION & SAFETY SHOWER.

Work Hygienic Practices: WASH HANDS AFTER HANDLING AND BEFORE EATING,
DRINKING, OR SMOKING. LAUNDRER CONTAMINATED CLOTHES BEFORE REUSE.
Suppl. Safety & Health Data: MSDS PRESENTED BY CAGE 59896 FOR CONTRACT
NUMBER/SOLICITATION NUMBER MDA414-97-P388.

=====
Transportation Data
=====

Trans Data Review Date: 97149
DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
AFI PSN Code: ZZZ
AFI Prop. Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
Additional Trans Data: NOT REGULATED FOR SHIPPING PER MFR MSDS.

=====
Disposal Data
=====

=====
Label Data
=====

Label Required: YES
Technical Review Date: 29MAY97
Label Status: F
Common Name: P/N 87-2810 LUMINOL
Chronic Hazard: NO
Signal Word: WARNING!
Acute Health Hazard-Moderate: X
Contact Hazard-Slight: X
Fire Hazard-None: X
Reactivity Hazard-None: X
Special Hazard Precautions: MAY CAUSE SKIN & EYE IRRITATION. INGESTION MAY
CAUSE GATROINTESTINAL DISCOMFORT. INHALATION MAY CAUSE IRRITATION TO
RESPIRATORY TRACT. TARGET ORGANS: SKIN, EYES, LUNGS. FIRST AID: IN ALL
CASES GET MEDICAL ATTENTION. EYES-FLUSH WITH WATER FOR 15 MINUTES, LIFT
LIDS. SKIN-REMOVE CONTAMINATED CLOTHES. WASH WITH THOROUGHLY WITH WATER.
INHALED-REMOVE TO FRESH AIR. ADMINISTER OXYGEN OR ARTIFICIAL RESPIRATION AS
NEEDED. INGESTED-IF CONSCIOUS, GIVE PLENTY OF WATER, LIFT LIDS. CONTACT
POISON CONTROL CENTER & OBTAIN IMMEDIATE MEDICAL ATTENTION.
Protect Eye: Y

Protect Skin: Y
Protect Respiratory: Y
Label Name: CAROLINA BIOGOLICAL SUPPLY CO
Label Street: 2700 YORK RD
Label City: BURLINGTON
Label State: NC
Label Zip Code: 27215-3387
Label Country: US
Label Emergency Number: 910-584-0381(CHEMTREC 800-424-9300)
Year Procured: 1997