

BAYFOLAN PLUS

Helena Chemical Company
 PH: 901-761-0050
CHEMTREC: 1-800-424-9300
Effective Date: 10-3-02
Product: BAYFOLAN PLUS

I. IDENTIFICATION

Chemical Name: NOT APPLICABLE, FORMULATED MIXTURE.

Chemical Family: INORGANIC LIQUID PLANT NUTRIENT

Formula: NOT APPLICABLE, FORMULATED MIXTURE.

Synonyms: NONE

CAS Number: NOT APPLICABLE, FORMULATED MIXTURE.

EPA Number: CAL. REG. NO. 5905-50057-AA

II. PHYSICAL DATA

Boiling Point: >212 DEGREES F.

Freezing Point: <32 DEGREES F.

Spec Gravity: 1.235 GMS/CC

Vapor Pressure: 0%

Vapor Density: NOT DETERMINED

Solubility: 100%

Volatiles: 0%

Evaporation: WATER

Melting Point: NOT APPLICABLE

Appearance: GREEN LIQUID, WITH VITAMIN ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
WATER SOLUTION OF AMMONIUM PHOSPHATE, AMMONIUM NITRATES, UREA AND VARIOUS METAL COMPLEXES (EDTA)		100.00	15 MG/M3	SKIN & EYE IRRITANT

IV. FIRE AND EXPLOSION HAZARD

Flash Point: NON-COMBUSTIBLE

Autoignition Temp: NOT APPLICABLE

Flammable Limit: NOT APPLICABLE

Extinguishing Media: NON-COMBUSTIBLE LIQUID, USE EXTINGUISHING MEDIA FOR UNDERLYING CAUSE OF FIRE.

Special Fire Fight Proc: WEAR POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL FIRE FIGHTING CLOTHING.

Fire and Expl Hazard: PRODUCT MAY LIBERATE AMMONIA GAS UNDER FIRE CONDITIONS.

V. HEALTH HAZARD

Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: LOW TOXICITY, ORAL LD50 (RAT) >5,010 MG/KG.

Skin Absorption: LOW TOXICITY, DERMAL LD50 (RABBIT) >2,020 MG/KG.

Inhalation: NO HAZARD EXPECTED.

Skin contact: SLIGHTLY IRRITATING.

Eye Contact: DIRECT CONTACT MAY CAUSE SEVERE EYE IRRITATION.

Chronic Effects: NONE CURRENTLY KNOWN.

Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: GIVE 1 TO 2 GLASSES OF WATER AND INDUCE VOMITING. IF IRRITATION DEVELOPS, CONSULT A PHYSICIAN.

Skin: WASH SKIN THOROUGHLY WITH SOAP AND WATER. IF IRRITATION DEVELOPS, CONSULT A PHYSICIAN.

Inhalation: MOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CONSULT A PHYSICIAN.

Eyes: FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. IF IRRITATION DEVELOPS, CONSULT A PHYSICIAN.

Notes to Physician: IN THE EVENT OF AN ADVERSE RESPONSE, TREATMENT SHOULD BE DI-

RECTED TOWARD CONTROL OF THE SYMPTOMS.

VI. REACTIVITY

Stability: Stable

Conditions to Avoid: NONE CURRENTLY KNOWN.

Polymerization: Will Not Occur

Conditions to Avoid: NONE CURRENTLY KNOWN.

Incompatibility material: DO NOT MIX WITH ALKALINE MATERIALS.

Hazardous Combustion: PRODUCT MAY PRODUCE AMMONIA GAS AND PHOSPHORIC ACID UNDER FIRE CONDITIONS.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: DIKE AND CONTAIN. IF UNCONTAMINATED, REUSE PRODUCT. IF CONTAMINATED, ABSORB SPILL WITH CLAY, SAND OR SAWDUST. PLACE IN SUITABLE CONTAINER FOR PROPER DISPOSAL. WASH SPILL AREA WITH LARGE AMOUNTS OF WATER.

Waste Disposal Method: THIS MATERIAL MUST BE DISPOSED OF ACCORDING TO FEDERAL, STATE, OR LOCAL PROCEDURES UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: NONE NORMALLY REQUIRED.

Ventilation: LOCAL EXHAUST SUFFICIENT.

Gloves: IMPERVIOUS

Eyes: SPLASH PROOF GOGGLES.

Other: EYE WASH STATION, IMPERVIOUS APRON AND FOOTWEAR.

IX. SPECIAL PRECAUTIONS

Special precaution: KEEP OUT OF REACH OF CHILDREN. DO NOT STORE WITH FOOD, FEED, OR OTHER MATERIAL TO BE USED OR CONSUMED BY HUMANS OR ANIMALS. DO NOT CONTAMINATE WATER SUPPLIES, LAKES, STREAMS, OR PONDS.

Other precaution: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT, IATA, OR IMDG.

Hazard Class: NONE

Identification No: NONE

Labels Required: NONE REQUIRED

Placarding: NONE REQUIRED

Freight Class: COMPOUND, FERTILIZER (MANUFACTURED FERTILIZER) LIQUID, NOIBN

Chemical Name	Equivalent R.Q.
NOT APPLICABLE	NOT APPLICABLE

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating: (Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 2

Fire: 0

Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y

Delayed (Chronic) Health: N

Sudden Release of pressure: N

Fire: N

Reactive: N

Mail inquiries to: 225 Schilling Blvd., Suite 300 Collierville, TN 38017

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