

MATERIAL SAFETY DATA SHEET

MANUFACTURER

United Agricultural Services of America, Inc.
534 CR 529A, Lake Panasoffkee, FL 33538

EMERGENCY INFORMATION
352-793-1682

SECTION I - PRODUCT IDENTIFICATION

DATE PREPARED: May, 2003
PRODUCT NAME: SUPER 20-4-4
GENERAL/GENERIC ID: LIQUID Bio-FERTILIZER
DOT SHIPPING CLASS: 70
HAZARD CLASSIFICATION: Health-1, Fire-0, Reactivity- 0
HAZARD CLASSIFICATION KEY: 0-least, 1-slight, 2-moderate, 3-high, 4-extreme

SECTION II -HAZARDOUS INGREDIENTS

COMPONENT	CAS NUMBER	PERCENT	ACGIH TLV
NONE			

(*) INDICATES HAZARDOUS INGREDIENTS WHICH ARE TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372. THE CHEMICAL NAME, CAS# AND PERCENT BY WEIGHT INFORMATION MUST BE INCLUDED IN ALL MSDS COPIED AND DISTRIBUTED FOR THIS MATERIAL.

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (F): 212 F
VAPOUR PRESSURE (mm Hg): N/A
SOLUBILITY (in water): COMPLETE
APPEARANCE AND ODOR: COCOA BROWN LIQUID, Seaweed Odor
pH OF CONCENTRATE: 7.0

SPECIFIC GRAVITY: 131
VAPOUR DENSITY (air=1): N/A
EVAPORATION RATE: N/A

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (F): None
FLAMMABLE LIMITS: N/A
LEL: N/A
VEL: N/A
EXTINGUISHING MEDIA: Water, water fog or foam.
SPECIAL FIRE FIGHTING PROCEDURES: None
UNUSUAL FIRE & EXPLOSION HAZARDS: None

SECTION V - REACTIVITY DATA

STABILITY: Product is stable.
CONDITIONS TO AVOID: None
MATERIALS TO AVOID: Strong Acids or Alkali and strong Oxidizers.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Carbon Monoxide and Carbon Dioxide.
HAZARDOUS POLYMERIZATION: Will not occur
CONDITIONS TO AVOID: None

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:
INHILATION: NO SKIN: NO INGESTION: UNLIKELY

HEALTH HAZARDS (ACUTE & CHRONIC): Eye contact may cause irritation. Prolonged contact with skin may cause irritation or dermatitis in sensitive individuals.

CARCINOGENICITY: NO
OSHA REGULATED: NO

IARC MONOGRAPHS: NO
NTP: NO

SIGNS AND SYMPTOMS OF EXPOSURE: Eye irritation. Dry and/or red itchy skin.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known

*****EMERGENCY AND FIRST AID PROCEDURES*****

INGESTION: DO NOT INDUCE VOMITING, CONTACT A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. OFFER SMALL AMOUNTS OF WATER OR MILK.

EYE CONTACT: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

SKIN CONTACT: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

SPILL STEPS: Contain spill and recover product for use or disposal.

WASTE DISPOSAL METHOD: If product can not be disposed of according to use directions on label, dispose of in accordance with local, state and federal regulations.

STORAGE & HANDLING: Store in a cool dry area. Keep container closed when not in use. Keep out of reach of children.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: If mist or dust conditions should be present use respirator approved by NIOSH.

VENTILATION: Adequate ventilation required to maintain fresh air flow.

LOCAL EXHAUST: Adequate

EYES AND FACE: Goggles or face shield

HANDS, ARMS AND BODY: Adequate clothing should be worn to prevent skin contact.

WORK/HYGIENIC PRACTICES: Wash all clothing before wearing. Wash all exposed skin surfaces with soap and water after using this product.

SPECIAL CLOTHING AND EQUIPMENT: Eye bath, safety shower and oxygen mask.

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