

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: CHALLENGE FOLIAR PLANT FOOD Feb. 1, 1999 P.1

MANUFACTURER: CUSTOM AGRICULTURAL FORMULATORS
P. O. BOX 26104
FRESNO, CA 93729

EMERGENCY PHONE NO: (559) 435-1052

I. HAZARDOUS INGREDIENTS

AMMONIUM POLYPHOSPHATE, POTASSIUM NITRATE, POTASSIUM CHLORIDE, UREA

II. PHYSICAL AND CHEMICAL CHARACTERISTICS

STABILITY: STABLE
INCOMPATIBILITY: CAUSTICS, EXTREME HEAT
HAZARDOUS SOLUBILITY: SOLUBLE
APPEARANCE: DARK BROWN LIQUID

III. FIRE AND EXPLOSION DATA

FLASH POINT: NON-FLAMMABLE
AUTOIGNITION: N/A
EXTINGUISHING MEDIA: MEDIA AS NEEDED TO CONTROL PRIMARY SOURCE OF FIRE
SPECIAL FIREFIGHTING PROCEDURES: WEAR RESPIRATOR, CONTAIN RUNOFF WATER

IV. PHYSIOLOGICAL & HEALTH EFFECTS

ORGANS AFFECTED: INHALATION, SKIN OR EYE CONTACT OR INGESTION OF SMALL AMOUNTS OF METAL SALTS MAY CAUSE MILD EYE, SKIN AND GASTROINTESTINAL IRRITATION
POTENTIAL CARCINOGEN DATA: INGREDIENTS NOT LISTED

V. EMERGENCY & FIRST AID PROCEDURES

EYES: WASH EYES FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEE A PHYSICIAN.
SKIN: WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION OR SYMPTOMS PERSIST, SEE A PHYSICIAN.
INHALATION: INHALATION OF SPRAY MIST MAY BE IRRITATING TO RESPIRATORY TRACT. MAY CAUSE NAUSEA.
INGESTION: NAUSEA, GASTRIC DISTRESS. METALLIC POISONING MAY RESULT FROM SWALLOWING LARGE AMOUNTS OF PRODUCT. IF PERSON IS CONSCIOUS, GIVE LARGE AMOUNTS OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY. DO NOT MAKE AN UNCONSCIOUS PERSON DRINK LIQUIDS.

VI. SPECIAL PROTECTIVE INFORMATION

EYE PROTECTION: TO MINIMIZE EYE CONTACT, WEAR GOGGLES WHILE HANDLING THIS PRODUCT.

SKIN PROTECTION: TO MINIMIZE SKIN CONTACT, WEAR FULL LENGTH CLOTHING AND RUBBER GLOVES WHILE HANDLING THIS PRODUCT.

RESPIRATORY PROTECTION: AVOID BREATHING SPRAY MIST. INHALATION MAY BE MINIMIZED BY WEARING AN APPROVED RESPIRATOR.

VII. ENVIRONMENTAL PROTECTION

ENVIRONMENTAL IMPACT: THIS PRODUCT, WHEN USED AS DIRECTED BY THE LABEL, IS NOT EXPECTED TO HAVE ANY SIGNIFICANT IMPACT ON THE ENVIRONMENT.

PRECAUTIONS IF MATERIAL IS RELEASED OR SPILLED: CONTAIN SPILL. ABSORB IN INERT MATERIAL. PLACE IN DISPOSABLE CONTAINER. FLUSH CLEANED AREA WITH WATER TO DILUTE TO HARMLESS SOLUTION.

WASTE DISPOSAL METHODS: DISPOSE OF WASTE MATERIALS AND CONTAINERS ACCORDING TO LOCAL, STATE, AND FEDERAL REGULATIONS.

VIII. SPECIAL PRECAUTIONS

READ AND OBSERVE ALL PRECAUTIONS ON THE PRODUCT LABEL. KEEP PRODUCT IN ORIGINAL CONTAINER.

DATE REVISED: 02/01/99

THE ABOVE INFORMATION IS BASED ON DATA OF WHICH WE ARE AWARE AND IS BELIEVED TO BE CORRECT AS OF THE DATE HEREON. SINCE THE INFORMATION CONTAINED HEREIN MAY BE APPLIED UNDER CONDITIONS BEYOND OUR CONTROL AND WITH WHICH WE MAY BE UNFAMILIAR AND SINCE DATA MADE AVAILABLE SUBSEQUENT TO THE DATE HEREOF MAY SUGGEST MODIFICATIONS OF THIS INFORMATION, WE DO NOT ASSUME ANY RESPONSIBILITY FOR THE RESULTS OF ITS USE. THIS INFORMATION IS FURNISHED UPON THE CONDITION THAT THE PERSON RECEIVING IT SHALL MAKE HIS OWN DETERMINATION OF THE SUITABILITY OF THE MATERIAL FOR HIS PARTICULAR PURPOSE.