

MATERIAL SAFETY DATA SHEET

MANUFACTURER

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EMERGENCY INFORMATION
603-894-7346 or 603-781-9097

PRODUCT IDENTIFICATION

PRODUCT NAME: AZAKARANJ

GENERAL/GENERIC ID: Fertilizer supplement, Agricultral spray oil

DOT SHIPPING CLASS: 70

HAZARD CLASSIFICATION: Health-0 , Fire-0 , Reactivity-0

HAZARD CLASSIFICATION KEY : 0-least, 1-slight, 2-moderate, 3-high, 4-extreme

HAZARDOUS INGREDIENTS

COMPONENT	EXPOSURE LIMITS, PPM			TLV	LIMIT
	%BY WT.	CAS #	PEL		
-----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.

PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (F): 250 VAPOR PRESSURE (mm Hg): N/A
SOLUBILITY (in water): COMPLETE EVAPORATION RATE: N/A
pH OF CONCENTRATE: 5.46 SPECIFIC GRAVITY: .90
VAPOR DENSITY (air=1): N/A WEIGHT LBS/GAL (KG/LITER): 7.56 (0.91)

APPEARANCE AND ODOR: THICK BROWN CLEAR LIQUID, SLIGHT FISH OIL SMELL

FIRE & EXPLOSION HAZARD DATA

FLASH POINT (F): 300C
FLAMMABLE LIMITS: 300
LEL: N/A
VEL: N/A
EXTINGUISHING MEDIA: WATER, WATER FOG OR FOAM.
SPECIAL FIRE FIGHTING PROCEDURES: BURNING FUMES MAY GIVE IRRITATING NOXIOUS FUMES
UNUSUAL FIRE & EXPLOSION HAZARDS: USE WATER FOAM TO COOL. AVOID SPLASH OF HOT LIQUID MATERIAL

REACTIVITY DATA

STABILITY: PRODUCT IS STABLE. CONDITIONS TO AVOID: NONE
MATERIALS TO AVOID: Inorganic Acids/base. Avoid contact with bleaching agents oxidizers, chlorine, oxygen, permanganates, perchlorates, percarbonates, peroxides, chromates, hypochlorites, nitric acid, and sulfuric acid
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CARBON MONOXIDE AND CARBON DIOXIDE.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR CONDITIONS TO AVOID: NONE

HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: INHALATION: 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: NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: 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.

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.

CONTROL MEASURES

RESPIRATORY PROTECTION: If mist/fume conditions should be present use respirator approved by NIOSH.

VENTILATION: Adequate ventilation required to maintain fresh air flow.

LOCAL EXHAUST: ADEQUATE AIR FLOW

SPECIAL: N/A

MECHANICAL: N/A

OTHER: N/A

PROTECTIVE GLOVES: RUBBER OR NEOPRENE

EYE PROTECTION: GOGGLES OR FACE SHIELD.

PROTECTIVE EQUIP/CLOTHING: AS REQUIRED TO PREVENT SKIN CONTACT.

WORK/HYGIENIC PRACTICES: IF SPILL OCCURS ON CLOTHING, WASH ALL CLOTHING BEFORE COMING INTO CONTACT WITH SKIN. WASH ALL EXPOSED SKIN SURFACES WITH SOAP AND WATER AFTER USING THIS PRODUCT.

WARRANTY

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Disclaimer Always read label instructions: It is recommended not to use this product with fungicides or pesticides. However if this product is applied with a fungicide or pesticide, it is the applicators or users responsibility to conduct a trail application on the crop or crops to be sprayed with this mix of chemicals to determine compatibility of products and compatibility with crop(s) sprayed