

# MATERIAL SAFETY DATA SHEET

MANUFACTURER - AGRINFOTECH, INC. SALEM NH USA 03079

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				LIMIT
	%BY WT.	CAS #	PEL	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.

## 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