

# MATERIAL SAFETY DATA SHEET

## MANUFACTURER

AGRIINFOTECH 166 Lawrence Road Salem NH 03079 USA

## EMERGENCY INFORMATION

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## SECTION I - PRODUCT IDENTIFICATION

**DATE PREPARED:** September, 1 2005

**PRODUCT NAME:** Potassium Phosphite 0-31-23

**GENERAL/GENERIC ID:** H<sub>3</sub>PO<sub>3</sub> LIQUID FERTILIZER This product contains no less than 3.5 lbs of H<sub>3</sub>PO<sub>3</sub> per gallon

**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 PERCENTBY WEIGHT INFORMATION MUST BE INCLUDED IN ALL MSDS COPIED AND DISTRIBUTED FOR THIS MATERIAL.

## SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

**BOILING POINT (F):** 212 F **SPECIFIC GRAVITY:** 1.17

**VAPOUR PRESSURE (mm Hg):** N/A **VAPOUR DENSITY (air=1):** N/A

**SOLUBILITY (in water):** COMPLETE **EVAPORATION RATE:** N/A

**APPEARANCE AND ODOR:** BLUE CLEAR, IN COLOR.

**pH OF CONCENTRATE:** 5.4-5.6

## 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

**TABILITY:** 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 IARC MONOGRAPHS: NO**

**OSHA REGULATED: 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.

## **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