

# MATERIAL SAFETY DATA SHEET

## SECTION 1

**CHEMICAL NAME:** Nitrogen, Potassium, Phosphate and compounds listed below.

**PRODUCT NAME:** Baicor's Tree Feast 5-7-5

**MANUFACTURERS NAME:** BAICOR L.C.

**% ACTIVITY:** 5.0% N, 7.0% P<sub>2</sub>O<sub>5</sub>, 5.0% K<sub>2</sub>O, 0.05% B, 0.05 Cu, 0.75% Fe, 0.25% Mn, 0.5% Mg, 0.08 Zn

**ADDRESS:** 1895 North 600 West, Logan Utah 84321

**EMERGENCY TELEPHONE NO.:** (435) 752-2475

## SECTION 2 HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

### HAZARDOUS COMPONENTS

(SPECIFIC CHEMICAL IDENTITY; OSHA PEL ACGIH TLV C.A.S. NO. (Primary)	SARA
Mixture Ammonium Phosphate # 7783280	
(COMMON NAME) (Mg/M <sup>3</sup> ) (Mg/M <sup>3</sup> ) %	

None

## SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

**BOILING POINT:** > H<sub>2</sub>O

**SPECIFIC GRAVITY:** (H<sub>2</sub>O=1) 1.325

**VAPOR PRESSURE:** (MM HG):N/A

**MELTING POINT:**N/A

**VAPOR DENSITY (AIR=1):** N/A

**EVAPORATION RATE:** < H<sub>2</sub>O

**pH:** 3.23

**(BUTYL ACETATE=1):** N/A

**APPEARANCE AND ODOR:** Green/Brown, slight odor.

## SECTION 4 FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT (METHOD): FLAMMABLE LIMITS: LEL N/A UEL N/A**

**EXTINGUISHING MEDIA:** Water

**SPECIAL FIREFIGHTING PROCEDURES:** N/A

**UNUSUAL FIRE & EXPLOSION HAZARDS:** N/A

## SECTION 5 - REACTIVITY DATA

**STABILITY: STABLE: X UNSTABLE:**

**CONDITIONS TO AVOID:** N/A

**INCOMPATIBILITY (MATERIALS TO AVOID):** N/A

**HAZARD DECOMPOSITION OR BY-PRODUCTS:** N/A

**HAZARD POLYMERIZATION: MAY OCCUR: MAY NOT OCCUR: X**

**CONDITIONS TO AVOID:** N/A

## SECTION 6 - HEALTH HAZARD DATA

**PRODUCT:** Tree Feast

**TOXICITY:** None found

**ROUTES (S) OF ENTRY: INHALATION SKIN: X INGESTION: X**

**CARCINOGENICITY: NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO**

**HEALTH HAZARDS (ACUTE & CHRONIC)/SIGNS AND SYMPTOMS OF EXPOSURE:**

This product may cause eye and skin irritation (See emergency and first aid procedures).

### **EMERGENCY AND FIRST AID PROCEDURES:**

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.

**Skin:** Wash contaminated areas with plenty of water for 15 minutes. Remove contaminated clothing and footwear and wash clothing before reuse. If skin irritation continues consult a physician.

**Ingestion:** Do not give anything by mouth to an unconscious person. If swallowed do not induce vomiting, give one or two glasses of milk or water. Contact a physician immediately.

**SECTION 7 - PRECAUTION FOR SAFE HANDLING AND USE**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Absorb liquid spills with a dry absorbent, containerize unusable material for disposal in an approved waste facility.

**WASTE DISPOSAL METHOD:** Dispose in closed containers, at an approved landfill, in accordance with local, state and federal regulations. Material may also be flushed with water to a wastewater treatment system.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Store in original plastic containers in a cool, well-ventilated, dry place at temperatures above 50 degrees C. Do not store in contact with strong alkalies, acids, oxidizing agents. Do not stack pallets more than two high.

**OTHER PRECAUTIONS:** Avoid Ingestion, contact with eyes, skin and clothing.

**SECTION 8 - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** NIOSH/MSHA approved for mists. Use with adequate ventilation and employ respiratory protection when exposure to mist and spray is possible.

**VENTILATION:**N/A (have adequate ventilation).

**PROTECTIVE GLOVES:** Impervious gloves.

**EYE PROTECTION:** Side shield safety glasses or goggles.

**OTHER PROTECTIVE CLOTHING AND EQUIPMENT:** Protective clothing to minimize skin contact should be worn. Chemically-resistant safety shoes. Wash contaminated clothing with soap and water and dry before reuse. Safety showers and eye wash facilities should be provided in all areas in which this product is handled.

**WORK/HYGIENIC PRACTICES:** Good housekeeping procedures should be followed to minimize exposure.

**Non Fertilizer**

Solution added with a broad and diverse population of naturally occurring soil microbes.

Guaranteed analysis: One million CFU added per quart. Actual number of live organisms dependent on application time after bottling. Extracts of microorganisms added.

Percentage of microorganisms added as follows:

. Flavobacterium multivorum 10%, Arthrobacter globiformis 8%, Pseudomonas fluorescens 7%, Pseudomonas pseudoalcaligenes 7%, Pseudomonas alcaligenes 6%, Pseudomonas putida 3%, Pseudomonas stutzeri 1%, Cellulomonas cellulans 8%, Alcaligenes latus 6%, Bacillus pumilis 5%, Bacillus subtilis 18%, Bacillus licheniformis 5%, Streptomyces griseus 2%, Rhodococcus eutrophus 6%, Acinetobacter calcoaceticus 2%, Azotobacter vinelandii 1%, 0.06% Humic Acid (a carbon source for microorganisms) derived from Leonardite.

**NON-PLANT FOOD INGREDIENTS**

**II. Physical data**

Boiling Point	212 Degrees F.	Solubility	100%
Vapor Pressure	17 mm hg	Sp. Gravity	1.050
Appearance and Odor:	Dark brown with some earthy odor		

**III. Fire and Explosion Hazard Data**

Flash Point	Non-flammable	Non-explosive
Special Fire Fighting Procedure	N/A	

**IV. Reactive Data**

Stability	Stable	Non corrosive	<b>Will stain porous surfaces and clothing</b>
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**Incompatibility:** Pesticides, fungicides, some herbicides (**always jar test**)

**V. Health and First Aid Data**

Ingestion: can cause diarrhea if ingested Internal: Rinse mouth, consult Physician  
Eye Contact: slight irritation Eyes: Irrigate with water and consult Physician  
Skin Contact: slight irritation Skin: Wash with soap and water  
KEEP OUT OF REACH OF CHILDREN

**VI. Special Handling & Storage**

Eye protection: goggles Hand protection: rubber gloves if abrasions exist. Avoid eye and skin contact Optimum Storage: Store indoors in a shaded /cool area not above 130 degrees F. Do not store in direct sunlight due to possible overheating. Protect from freezing. Do not store if mixed with other chemicals use entire mixture. Rinse equipment well.

**VII. Spill or Leak procedures**

Spill or leak: contain and mop or vacuum up into storage drum then rinse with water – No special disposal/handling procedures are required. Product may *stain porous surfaces and clothing*.

**VIII. Application methods:**

Metered into existing irrigation systems to get correct coverage of one gallon per 8 acres. Applications may be made through drip systems, with surface spray rigs, and aircraft. Use proper amount of water to get even coverage with spray rigs and aircraft. If mixing with fertilizer make total solution 25% water and spray immediately. DO NOT STORE ANY OF THE MIXTURE.

**Shake well before using.**

**IX. Hazard Rating**

1 - None 2 - Slight 3 - Moderate 4 - High 5 - Extreme

*Toxicity - 1 Reactivity - 2 Environmental - 1*

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