

## MATERIAL SAFETY DATA SHEET

FIVE STAR AFFILIATES, INC.  
6731 E. 50TH AVENUE  
COMMERCE CITY, CO. 80022

PHONE: 303-287-0186  
MSDS DATE: 12-15-10  
REPLACES: 01-01-08

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### IDENTIFICATION

PRODUCT NAME: FIVE/TWO  
COMPOSITION; A blend of food grade buffering phosphates

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HAZARDOUS INGREDIENTS: None

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### PHYSICAL DATA

APPEARANCE: Fine White Granular Powder  
SOLUBILITY IN WATER: < 20%  
BULK DENSITY: 1.0g/ml

ODOR: None  
pH of 1% SOLUTION: 5.2  
MELTING POINT: N/A

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### FIRE AND EXPLOSION DATA

FLAMMABILITY: Not flammable  
EXTINGUISHING MEDIA: Water, Carbon Dioxide, and Foam  
UNUSUAL FIRE AND  
EXPLOSION HAZARDS: May give off toxic phosphorus fumes under conditions  
NFPA Designation: Health – 1, flammability – 0, Reactivity – 0

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### HEALTH HAZARD DATA

EYE EFFECT: Irritant. Prolonged contact may damage the eye.  
SKIN EFFECT: Irritant. Prolonged contact will cause redness and blistering. 7,940 mg/kg  
INGESTION: May cause nausea, vomiting, abdominal pain. LD 50 (Rats) = 7100 g/kg  
INHALATION: May irritate the nose and throat and cause coughing and chest discomfort.

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### EMERGENCY & FIRST AID PROCEDURES

EYE CONTACT: Immediately flush with cool running water for at least 15 minutes. Get medical attention.  
SKIN CONTACT: Immediately flush with large amounts of cool running water. If irritation develops see  
A physician.  
INGESTION: If conscious, give several glasses of milk or water. DO NOT induce vomiting. Call a  
physician immediately.  
INHALATION: Get person to fresh air. If burning and irritation persist get medical attention.

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### SPECIAL PROTECTION INFORMATION

PROTECTIVE GLOVES: Recommended (rubber, PVC)  
EYE PROTECTION: Recommended (goggles, safety glasses)  
RESPIRATORY: Recommended (dust mask)  
VENTILATION: Adequate to remove any dust produced  
OTHER EQUIPMENT: None needed

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### REACTIVITY DATA

INCOMPATIBLE MATERIALS: Acids  
STABILITY: Stable under dry conditions  
POLYMERIZATION: Will not occur  
DECOMPOSITION PRODUCTS: May give off oxygen gas under fire conditions.

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### SPILL OR LEAK PROCEDURES

SPILL: Wear dust mask and safety equipment. Sweep up material and put into drums. Flush residue to sewer with large amounts of water.

DISPOSAL: Dispose of waste materials used in cleaning up spills in a manner approved for this material. Consult appropriate federal, state, and local regulatory agencies to ascertain proper disposal procedures.

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EMERGENCY TELEPHONE: INFOTRAC 800-535-5053