

# MATERIAL SAFETY DATA SHEET

PRECISION LABORATORIES

**Product Name: TRUE BLUE™ EZ SOLUPAK - product tagline**

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: **True Blue EZ Solupak**  
Supplier: PRECISION LABORATORIES  
1429 S. SHIELDS DRIVE  
WAUKEGAN, IL 60085

Emergency telephone number: (Chemtrec Information 24 hours) (800) 424-9300  
For MSDS, Product Safety, or Regulatory inquiries, call: (847) 596-3001  
Customer Service, call: (800) 323-6280

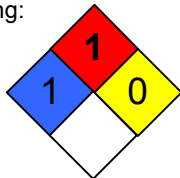
## 2. OSHA HAZARDOUS INGREDIENTS

<u>Component</u>	<u>CAS#</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>% By Wt.</u>
C.I. Acid Blue 9, disodium salt	3844-45-9	15 mg/m <sup>3</sup> TWA Total dust 5 mg/m <sup>3</sup> Respirable	10 mg/m <sup>3</sup> TWA Total dust 3 mg/m <sup>3</sup> Respirable	80–90%
C.I. Acid Yellow 23	1934-21-0	15 mg/m <sup>3</sup> TWA Total dust 5 mg/m <sup>3</sup> Respirable	10 mg/m <sup>3</sup> TWA Total dust 3 mg/m <sup>3</sup> Respirable	1–10%

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW:

NFPA Hazard Rating:



### Primary Routes of Exposure:

Eyes: **Yes**

Skin: **Yes**

Oral: **No**

Inhalation: **Yes**

### Signs and Symptoms of Exposure:

Eye contact: May cause mild irritation and discomfort.

Skin contact: May cause mild irritation. Repeated heavy contact may cause skin abrasion.

Inhalation: May cause irritation to respiratory tract. Allergic and asthmatic reactions and are possible in sensitive individuals.

Ingestion: May cause mild irritation to mucous membranes, nose, throat, lungs. May cause upset stomach, abdominal discomfort, nausea, vomiting, or diarrhea.

## 4. FIRST AID MEASURES

### FIRST AID MEASURES FOR ACCIDENTAL EXPOSURE

**Eye Exposure:** Check for and remove contact lenses. Immediately flush eyes with flowing water for at least 15 minutes, holding eyelids open. Seek medical attention as a precaution.

**Skin Exposure:** Immediately remove contaminated clothing and wash affected area with plenty of soap and water. Seek medical attention as a precaution.

**Inhalation:** Move individual to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek immediate medical attention. If allergic or asthmatic symptoms are present, seek emergency medical aid.

**Ingestion:** **Do not induce vomiting unless directed to do so by medical personnel.** Seek immediate medical attention if symptoms are severe.

**Medical Conditions Aggravated by Overexposure:** None specifically identified. May aggravate preexisting conditions or diseases of the respiratory system, skin or eyes.

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## 5. FIRE-FIGHTING MEASURES

### FIRE HAZARD DATA:

**Flammability:** Not flammable. **LEL:** N/D **UEL:** N/D  
**Auto-ignition temperature:** N/D  
**Flash Point:** >200°F  
**Extinguishing Media:** Water spray, foam, CO<sub>2</sub>, or dry chemicals may be used in areas where this product is stored.  
**Special Fire Fighting Procedures:** Firefighters should wear NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing.  
**Additional Fire and Explosive Data:** None.

## 6. ACCIDENTAL RELEASE MEASURES

Evacuate the spill area, except for cleanup personnel. Wear NIOSH/MSHA-approved dust respirator and protective equipment as referenced in Section 8 below. Protect against static discharges. Sweep or shovel material into containers for recovery or disposal. Do not add water to water-soluble dyes; dye is concentrated, this will increase amount of color to remove. Dye residue may be cleaned by scrubbing with detergent, depending on type. See Section 13 for disposal considerations.

## 7. HANDLING AND STORAGE

**Precautions to be Taken in Handling:** Keep away from heat, sparks and flame. Product is susceptible to humidity; do not open packets until ready to use. Avoid direct contact with product. Wear appropriate equipment and clothing as noted in Section 8 below. Use in areas with adequate mechanical exhaust ventilation, or wear respirator.

**Precautions to be Taken in Storage: Protect product from freezing.** Keep packets sealed until ready to use. Store in original container only, away from direct sunlight, at temperatures above 30°F.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Note:** When selecting personal protective equipment and clothing, follow all of the manufacturer specifications and recommendations that apply to your specific operation and processing conditions. Take into consideration all working conditions and all chemicals to be handled or processed.

**Eye Protection:** Wear chemical safety goggles. Contact lenses should not be worn when working with chemicals.

**Skin Protection:** Wear chemically impervious gloves and apron, long-sleeved shirt, pants, shoes and socks to minimize skin contact. As precautions, wash hands and face with mild soap and water before eating, drinking, smoking or using restroom. After each shift, clean all protective equipment, wash work clothes, and shower.

**Inhalation Protection:** Not required under normal use conditions with good ventilation. Protect against dust clouds. Respirator recommended in areas of poor ventilation.

**Personal Protection in Case of Large Spill:** Splash goggles. Full suit. Boots, gloves.

**Other Protection:** Eye wash fountains and drench showers should be located within 100 feet or a 10 second walk or the work area per ANSI Z358.1-1990.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical Appearance & Odor:** Blue powder with no noticeable odor.  
**Boiling Point:** N/A  
**pH:** N/E  
**Solubility in Water:** Soluble.

## 10. STABILITY AND REACTIVITY

**Chemical Stability:** Stable under normal conditions.  
**Incompatibility:** Oxidizing and reducing agents may destroy color.  
**Hazardous Decomposition Products:** Heating due to fire may produce oxides of carbon, nitrogen and sulfur.  
**Hazardous Polymerization:** Will not occur.  
**Conditions to Avoid:** Storage of open, unused packets, contact with incompatible materials, high humidity or heat.

## 11. TOXICOLOGICAL INFORMATION

Eye effects (rabbit): Acid Blue 9: Expected to be an irritant.

Skin effects (rabbit): Acid Blue 9: Not expected to be an irritant.

Additional toxicity data: Allergic reactions noted. Sensitivity noted as urticaria and asthma. HSDB no. 7216.

No further data is available or established for this product..

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## 12. ECOLOGICAL INFORMATION

No ecological data is available for this product.

## 13. DISPOSAL CONSIDERATIONS

**Disposal Methods:** Dispose of material in compliance with applicable federal, state and local environmental regulations. Recycle or rework material if at all possible. Incinerate material at an approved facility, or treat at an acceptable waste treatment facility or municipal waste treatment plant after proper testing and approval of waste samples.

**Container Reuse:** An empty container can contain product residue, and should be not reused. If not professionally cleaned and reconditioned, crushing or other means is recommended to prevent unauthorized reuse.

## 14. TRANSPORT INFORMATION

**DOT Status (Highway and rail):** Not regulated.

**IATA Status (Air):** Not regulated.

## 15. REGULATORY INFORMATION

**SARA HAZARD:** SARA 311/312 Hazards: Immediate/Acute Health Hazard, Chronic/Delayed Health Hazard.

**AICS (Australia):** N/D

**DSL (Canada):** N/D

**EINECS (Europe):** N/D

**TSCA:** Components listed or exempt.

**WHILE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE BELIEVED TO BE ACCURATE AS OF THE DATE HEREON, PRECISION LABORATORIES, INC., MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON.**

N/R—Not Rated

N/D—Not Determined

N/A—Not Applicable

N/E—Not Established