

# MATERIAL SAFETY DATA SHEET

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## TST Orange Singles

PRODUCT NAME: **TST Orange Singles**

NFPA CODES:     Health                 1  
                  Flammability        0  
                  Reactivity           0

Note - NFPA ratings are based on a 0-4 rating scale with 0 representing minimal hazards or risks and 4 representing extreme hazards or risks.

PRODUCT CODE: 41191

### ===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: **Camco Manufacturing, Inc.**  
ADDRESS :               **121 Landmark Drive**  
                              **Greensboro, NC 27409**

EMERGENCY PHONE : **1-800-535-5053**        DATE REVISED : 10/04/2004  
INFORMATION PHONE : 336-668-7661  
NAME OF PREPARER : CAMCO MANUFACTURING INC.  
                          121 LANDMARK DR.  
                          GREENSBORO, NC 27409  
                          **1-800-334-2004**

### ===== SECTION II - COMPOSITION / INFORMATION ON MATERIALS=====

REPORTABLE COMPONENTS	CAS NUMBER	WEIGHT PERCENT
Calcium Nitrate Tetrahydrate	13477-34-4	<72%

### ===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

**BOILING RANGE:** Not Determined  
**VAPOR DENSITY:** Not Determined  
**SOLUBILITY IN WATER:** Completely Soluble  
**APPEARANCE AND ODOR:** Orange; Citrus Fragrance  
**SPECIFIC GRAVITY (H2O=1):** 1.452 @ 68°F  
**EVAPORATION RATE:** N/A

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### ===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

**FLASH POINT:** N/A                      **METHOD USED:** N/A  
**FLAMMABLE LIMITS IN AIR BY VOLUME-** LOWER: N/A      UPPER: N/A

**EXTINGUISHING MEDIA:** Non-flammable. Use extinguisher appropriate for surrounding fire. Water, Fog or Dry Chemical.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:** Flush with water if involved in a fire or extreme heat.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Extreme heat could cause emission or nitrogenous fumes.

### ===== SECTION V - REACTIVITY DATA =====

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Excessive temperatures and strong oxidizers

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizing agents

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Nitrogen Oxide

**HAZARDOUS POLYMERIZATION:** Do not occur

### ===== SECTION VI - HEALTH HAZARD DATA =====

**INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE:** Unlikely

**EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

**EYE CONTACT:** May irritate the eyes if contact with material occurs.

**SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

**SKIN CONTACT:** Frequent or prolonged contact may cause skin irritation.

**INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE**

**INGESTION:** Swallowing large amounts may cause nausea and vomiting and may be harmful.

**HEALTH HAZARDS (ACUTE AND CHRONIC):** If swallowed, large amounts could be fatal.

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**CARCINOGENICITY:** No

**NTP CARCINOGEN:** No

**IARC MONOGRAPHS:** No

**OSHA REGULATED:** No

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

None known

**EMERGENCY AND FIRST AID PROCEDURES**

**INHALATION:** Remove to fresh air. If breathing is difficult, get medical attention.

**EYE CONTACT:** Flush with large quantities of water for 15 minutes and seek medical attention.

**SKIN:** Remove contaminated clothing and launder before reuse. Wash skin with soap and water. Get medical attention for persistent irritation or any other symptom.

**INGESTION:** Induce vomiting. Dilute by giving water. Keep warm and quiet. Call physician. Do not induce vomiting or give water to anyone who is having trouble breathing, is unconscious, or having convulsions.

===== **SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE** =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Absorb liquid with inert solids and shovel into containers suitable for transport and disposal. If necessary, dike spill.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with federal, state and local regulations.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

Store in a cool, dry, well ventilated area.

**OTHER PRECAUTIONS**

None

===== **SECTION VIII - CONTROL MEASURES** =====

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### RESPIRATORY PROTECTION

In well-ventilated areas, respiratory protection is not normally required.

**VENTILATION:** General ventilation is sufficient.

**PROTECTIVE GLOVES:** Wear appropriate impermeable gloves.

### EYE PROTECTION:

Use chemical safety glasses or goggles for eye protection.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** It is the responsibility of the user to determine the proper protective equipment that is needed based on how the product will be used.

### WORK/HYGIENIC PRACTICES:

Wash thoroughly after handling.

## ===== SECTION IX - DISCLAIMER =====

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