



702 E. Expressway 83 • Mission, Texas 78572 • Tel: (956) 585-8321

## MATERIAL SAFETY DATA SHEET

### **I. PRODUCT IDENTIFICATION**

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Trade Name:	Orange Concentrate	TCX Product Code:	TC04300
Chemical Family:	n/a	CAS Number:	n/a
Chemical Name:	n/a	FEMA/GRAS Number:	n/a
DOT Shipping Name:	n/a	Molecular weight:	n/a
DOT Hazard Class:	n/a	Molecular Formula:	n/a
DOT ID Number:	n/a	Harmonized Code:	n/a

### **II. COMPOSITION**

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<u>Name</u>	<u>Concentration (Range)</u>	<u>Threshold Limit Value (TLV)</u>
Orange Juice	100%	None.

Although no threshold limit value is established for this mixture by Federal Standards, a lowest achievable TLV is accomplished by means of sufficient ventilation.

### **III. PHYSICAL AND CHEMICAL DATA**

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Appearance: yellow to orange viscous liquid	Odor: pleasant orange aroma
Solubility in Water: soluble	

### **IV. FIRE AND EXPLOSION HAZARD DATA**

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Hazardous Material Identifications System (HMIS):

Health : 0	Flammability : 0	Reactivity : 0	Protection: G
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Flash Point (closed cup):	n/a
Extinguishing Media:	n/a
Special fire fighting procedures:	n/a
Unusual fire and explosion hazards:	n/a

### **V. REACTIVITY DATA**

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Stability consideration :	Stable.
Condition to avoid :	None known.
Incompatibility:	None known.
Hazardous decomposition product:	None known.
Hazardous polymerization :	No

**VI. HEALTH HAZARD DATA**

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Carcinogenic Data: Not listed in NTP, IARC or OSHA directories of Carcinogenic Materials.

Primary routes of Exposure: Skin contact, inhalation, and ingestion.

Effects of overexposures:

Acute: None.

Chronic: None.

Medical Conditions Aggravated by Exposure: None known.

Emergency first aids procedures:

Eyes: Flush with water for least 15 minutes. If irritation persists, contact a physician.

Skin: Wash with soap and water. If persists, see a physician.

**VII. SAFETY MEASURES AND EQUIPMENT**

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Ventilation: None required.

Respiratory: None required.

Skin: None required.

Eyes: None required.

Restrictions: None required.

Handling and storage precautions: Store in full, sealed containers under frozen conditions. Use caution when handling drums, approx. weight 260 kgs.

Other: Store drums in frozen condition (<0 degrees Celsius).

**VIII. SPILL OR LEAK PROCEDURES**

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Spill Control: Use mop to clean up small spills. Caution: Spills can be slippery on floors.

Disposal: Dispose in accordance with state, federal and local disposal laws.

**XI. REGULATORY STATUS**

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The concentrated orange juice for manufacturing does not meet the standards as defined in the "Standards of Identity for Orange Juice" issued under the Federal Food, Drug and Cosmetic Act #146.135 due to the naturally low citric acid content in the fruit.