



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

MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

Trade Name:	Grapefruit Concentrate	TCX Product Code:	TC04100
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

<u>Name</u>	<u>Concentration (Range)</u>	<u>Threshold Limit Value (TLV)</u>
Grapefruit 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

Appearance: red, viscous liquid	Odor: pleasant grapefruit aroma
Solubility in Water: soluble	

IV. FIRE AND EXPLOSION HAZARD DATA

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

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

VI. HEALTH HAZARD DATA

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

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

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

The concentrated grapefruit juice for manufacturing must meet the standards as defined in the "Standards of Identity for Grapefruit Juice" issued under the Federal Food, Drug and Cosmetic Act #146.132.