Section 1 – Product Identity as used on Label

RED JUICE

MSDS Prepared: June 1999

Manufacturer: Red Juice Products, Inc.
707 N.E. Broadway, Suite 21
Portland, OR 97232

MATERIAL SAFETY DATA SHEET (MSDS)

Section 2 – Hazardous Ingredients/Identity Information

Hazardous Components | CAS # | TWA | STEL | OSHA PEL | ACGIH TLV | Other Limits | % (Optional)
--- | --- | --- | --- | --- | --- | --- | ---
Sodium ethylene diamine tetra acetate* | 64028 | N/E | N/E | N/E | N/D | N/D | N/D
Linear primary alcohol ethoxylate* | 68951677 | N/E | N/E | N/E | N/D | N/D | N/D
*SARA III: No; Prop. 65: No

NFPA Ratings: Health: 1 Fire: 0 React: 0 Specific Hazard: None
HMIS Ratings: Health: N/D Fire: N/D React: N/D PPI: N/D

Section 3 – Physical/Chemical Characteristics

Boiling Point | 220°F
Vapor Pressure (mm Hg) | None
Vapor Density (Air=1) | N/A
Solubility in Water | Miscible
Appearance and Odor | Red liquid, mild odor
Specific Gravity (H2O=1) | 1.064
Melting Point | N/A
Evaporation Rate (H2O=1) | 1
pH | 11.8-12.3 (Conc.)
Percent Volatile Organics | None at Room Temperature

Section 4 – Fire and Explosion Hazard Data

Flash Point 1 (Method used) | None; COC
Extinguishing Media | Water Spray, CO2, Dry Foam, Dry Chemical
Special Fire Fighting Procedures | N/D
Flammable Limits (In air, % by volume) | None
Auto Ignition Temperature | N/D
Unusual Fire and Explosion Hazards | None

Section 5 – Reactivity Data

Stability: Unstable Stable Conditions to avoid
XX None Special
Incompatibility (Materials to avoid) | None known
Hazardous Decomposition or Byproducts | None
Hazardous Polymerization: May Occur Will Not Occur Conditions to Avoid
XX N/D

N/A = Not Applicable N/D = No Data Available

Continued on reverse
**Section 6 – Health Hazard Data**

<table>
<thead>
<tr>
<th>Primary Route(s) of Entry:</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
<th>Eyes?</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/D</td>
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</table>

**Health Hazards (Acute and Chronic)**

N/D

**Carcinogenicity:**

NTP? IARC Monographs? OSHA Regulated?

None

**Signs and Symptoms of Exposure**

**Eyes:** May cause moderate to severe irritation. Prolonged contact may cause corneal damage.

**Skin:** Prolonged contact with the concentrate may cause skin irritation.

**Skin absorption:** N/D

**Inhalation:** Inhalation of the dust or mist may cause irritation of the upper respiratory tract.

**Ingestion:** Can cause nausea, vomiting, and abdominal pain.

**Medical Conditions Generally Aggravated by Exposure**

N/D

**Emergency and First Aid Procedures**

**Eyes:** Wash eyes with plenty of running water, lifting the eyelids occasionally. Call a physician at once.

**Skin:** Wash affected area thoroughly with plenty of running water. If irritation persists, call a physician.

**Inhalation:** Remove person to fresh air. If irritation persists, call a physician at once.

**Ingestion:** Give two large glasses or water or milk. If vomiting occurs, keep airways clear. Call a physician at once.

**Section 7 – Precautions for Safe Handling and Use**

**Steps To Be Taken in Case Material is Released or Spilled**

Absorb small spills on inert material. Sweep up and wash affected area with water. Contain large spills by diking with inert material. Vacuum up spilled material into proper disposal containers.

**Waste Disposal Method**

Dispose small and incidental spills to sanitary sewer after dilution, according to local regulations. Large spills and absorbent material should be disposed of in accordance with local, state, federal, and EPA regulations.

All wastes must be disposed of in accordance with federal, state and local regulations.

**Precautions To Be Taken in Handling and Storing**

N/D

**DOT shipping Classification**

N/D

**Section 8 – Control Measures**

**Respiratory Protection (Specific Type)**

Respirator not required under normal use conditions

**Ventilation**

Local Exhaust

Mechanical (General)

Special

Other

None specific

**Protective Gloves**

Rubber/PE gloves recommended

**Eye Protection**

Safety glasses or goggles recommended

**Other Protective Clothing or Equipment**

None special

**Work/Hygienic/Maintenance Practices**

N/D