



MATERIAL SAFETY DATA SHEET

ACCORDING TO 91/155/EEC AND ISO 11014-1
Data: Sep 27, 2007
Number: RJSSH070983MSDSEU

IDENTITY (As Used on Label and List)
Product Name: Apple Juice Concentrate

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer's Name:
Shaanxi Haisheng Fresh Fruit Juice Co., LTD
Address:
B4-6, Yucai Building, #2 Yucai Road, Xi'an, China
Emergency Telephone Number: +86-29-88109519
Fax Number for information: +86-29-85216521
Contact Person: Helen Chen

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Percent
Water	29-30%
Brix	70-71%
Sodium	<30mg/L@11.2Brix
Potassium	900-1500mg/L@11.2Brix
Magnesium	40-75mg/L@11.2Brix
Calcium	<120mg/L@11.2Brix
L-malic acid	<3.0g/L@11.2Brix
Citric acid	50-150mg/L@11.2Brix
Total phosphorus	40-75mg/L@11.2Brix
Nitrate	<5mg/L@11.2Brix
Sulphate	<150mg/L@11.2Brix

SECTION III - HAZARDS IDENTIFICATION

Emergency Overview: While this material is not classified as hazardous under OSHA regulations, this MSDS contains valuable information critical to the safe handling and proper use of the product.



Inhalation: No adverse effect known.

Skin Contact: No adverse effect known.

Eye Contact: The liquid may be slightly irritating to the eye. No adverse chronic effect known. Exposure is not probable with intended use.

Ingestion: This product can be eaten directly or after processed.

SECTION IV - FIRST AID MEASURES

Eye Contact: Wash eyes with plenty of water for at least 15 minutes, lifting lids occasionally. If irritation persists, seek medical attention.

Skin Contact: Wash exposed area with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse.

Inhalation: Unlikely to cause adverse effects.

Ingestion: This product can be eaten directly or after processed. No adverse effect known.

SECTION V - FIRE FIGHTING MEASURES

Fire and Explosion Hazard:

No unusual fire or explosion hazards are known for this product.

Flash Point: Not applicable.

UEL (Volume % in air): Not applicable.

LEL (Volume % in air): Not applicable.

Extinguishing Media:

Use water fog, carbon dioxide, sand or dry chemical to extinguish fires.

Hazardous Combustion Products:

Oxides of carbon.

Fire Fighting Procedures:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full-face piece operated in the pressure demand or other positive pressure mode. Fight fire from the maximum distance. Evacuate area.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Environmental Precautions:

This product is non-hazardous and may be discarded in accordance with applicable governmental regulations and take order with the demands of the environmental protection section.

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Accidental Release Measures:

Remove all sources of ignition. Wear appropriate breathing apparatus and full protective clothing to minimize skin and eye exposure. Using inert, noncombustible and absorbent material onto the spillage and diluting the material with plenty of water. Collect it into a suitable labeled container for subsequent disposal.

SECTION VII - HANDLING AND STORAGE

Handling: Keep far away from fire sources, heated or molten product when handling. Wash thoroughly after handling.

Storage: Store in a cool, dry, and well-ventilated area and away from sources of ignition, excessive heat and direct sunlight. Keep container tightly closed when not in use. Protect from physical damage. Put it lightly when packing and transport, prevent the packing and container from damage. Good storage is under 5°C environment.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Signs and Symptoms of Exposure: There are no significant health hazards under normal conditions of use.

Medical Conditions Generally Aggravated by Exposure: None known.

Ventilation:

Local Exhaust: Yes

Mechanical (General): No

Special Other: No

Personal Protective Equipment:

Personal Protection: None required for normal use. Splash-proof goggles and rubber, PVC, or impervious chemical gloves are recommended for remediation of large spills.

Respirator: None required for normal use. Use NIOSH organic vapor cartridge respirator is recommended for remediation of large spills.

Protective Clothing: None required for normal use. Impervious chemical clothing is recommended for remediation of large spills.

Work/Hygienic Practices: None required in normal use.

Engineering Controls: None required in normal use.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor: Brown liquid with high viscosity with typical apple flavor.

Solubility in Water: Soluble.

Flash Point: N/A



pH: 3.3-4.4
Specific Gravity (H₂O=1): 1.356

SECTION X - STABILITY AND REACTIVITY

Stability: The product is considered stable under normal conditions.
Hazardous Polymerization: Will not occur.
Conditions to Avoid: Avoid direct sunlight, excessive heat, strong bases and strong acids.
Corrosive to Metals: Not corrosive.

SECTION XI - TOXICOLOGICAL INFORMATION

Believed to be safe.

Carcinogenicity (NTP) (IARC) (OSHA): Not listed as a carcinogen.
Teratogenicity and Embryotoxicity: N/A
Reproductive Toxicity: N/A
Mutagenicity: N/A
Toxicologically Synergistic Materials: N/A

SECTION XII - ECOLOGICAL INFORMATION

Environmental Toxicity:
On the basis of available information, this product is not expected to produce any significant adverse environmental effects when recommended use instructions are followed.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method:
Although not be listed hazardous waste, disposal of this product may be must be subject to federal, state, and local regulations. User of this product should review their operations in terms of applicable federal, state and local laws and regulations, then consult with an appropriate regulatory agent before discharging or disposing.

Empty Container Warnings:
Empty containers may contain product residue, follow MSDS and label warnings even after they have been emptied.



SECTION XIV - TRANSPORT INFORMATION

DOT (Department of Transportation): Not regulated.
Proper Shipping Name: Not regulated.
Hazard Class: Not regulated.
Identification Number: Not applicable.
IMO: Not regulated.
IATA/ICAO Class: Not regulated.
UN Number: Not regulated.

The regulations may change from time to time. Please consult the most recent version of the relevant regulations. Follow all regulations in your country.

SECTION XV - REGULATORY INFORMATION

European Labeling in Accordance with EC Directives

The chemical substances of this product are not classified in the Annex I of Directive 67/548/EEC and not listed in a priority list (as foreseen under Council Regulation (EEC) No 793/93 on the evaluation and control of the risks of existing substances.).

NFPA:

Health: 0 Flammability: 0 Reactivity: 0 Special Warnings: None

For details regulations you should contact the appropriate agency in your country.

SECTION XVI - OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. RJS Standard Testing & Certification Center shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale. License granted to make unlimited paper copies for internal use only.

NOTE

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