

MATERIAL SAFETY DATA SHEET

Manufacturer's Name/Address/Phone:

Ocean Spray Cranberries, Inc.
One Ocean Spray Drive
Lakeville-Middleboro, MA 02349
(508) 946-7237, 7131

Product/Substance Description:

Cranberry Extract Powder
(a food ingredient)

CAS No: (Mixture-not applicable)

Date Prepared/Revised: 11/30/2010

MSDS Prepared by: J. Downing, J. North

SECTION I - HAZARDOUS INGREDIENTS

(Hazardous components by chemical/common name, %, OSHA PEL, ACGIH TLV, Other Limits)

This product consists of spray dried or freeze dried cranberry solids and contains no hazardous ingredients. In the absence of specific OSHA or ACGIH limits, it is recommended that the OSHA limit for nuisance dusts be employed, i.e. 5 mg/m³ respirable fraction, 15 mg/m³ total dust.

(Note: This mixture contains approximately 3% water).

SECTION II - PHYSICAL DATA

Appearance & Odor: Fine, free-flowing powder, light red in color, with fruity aroma.

pH: 2.2 – 4.2 (1% solution in water)

Vapor Pressure: N/A

Boiling Point: N/A

Specific Gravity: 0.3 – 0.7 gm/cc

Solubility in Water: Soluble in water: 500 gm/kg

Melting Point: Not determined

Water Reactive: Not water reactive

SECTION III - FIRE AND EXPLOSION DATA

Flash Point/Method: N/A

Upper/Lower Explosive Limits: Not determined

OSHA Flammability Category: N/A

Extinguishing Media: Dry chemical, carbon dioxide, Halon, foam, water spray.

Special Fire-Fighting Procedures. None.

Unusual Fire & Explosion Hazards: Management of bulk quantities may result in flammable air-dust mixtures. Such areas should be kept free of ignition sources.

SECTION IV - HEALTH HAZARD DATA

Effects of Overexposure: (This material has not been tested as a whole. However, it contains ingredients that pose the health hazards described below.)

Inhalation: Inhalation of dust will cause respiratory irritation and coughing.

Ingestion: Non-hazardous.

Eye Contact: Will cause eye irritation.

Skin Contact: Prolonged contact will cause irritation especially in the presence of moisture on exposed skin.

Emergency and First Aid:

Eyes: Immediately flush thoroughly with water. Seek medical attention if irritation persists.

Skin: Wash with soap and water. Seek medical attention in the event of a reaction or persistent irritation.

Ingestion: N/A

Inhalation: Remove to fresh air. Treat any irritation symptomatically.

Medical Conditions Aggravated by Exposure: Respiratory, skin or eye disease.

Carcinogen Listed in NTP: ____; IARC Monograph: ____; OSHA: ____; Not Listed: X

Additional Comments Re: Health Hazards: None.

SECTION V - SPECIAL PERSONAL PROTECTIVE MEASURES

Respiratory Protection/Special Ventilation Requirements: Ventilation needs to be adequate to assure that nuisance dust concentrations remain below exposure limits. If engineering controls are inadequate, NIOSH-approved respiratory devices are required. Discharges from ventilation systems must comply with applicable air pollution control regulations.

Skin Protection: Gloves and appropriate protective clothing should be worn to minimize contact with skin.

Eye Protection: Safety glasses should be worn.

Other Special Protection/Work Practices: Keep work areas dry, avoiding excess dust. Surfaces subject to spills or layers of dust from this product may become slippery.

SECTION VI - STORAGE, HANDLING, DISPOSAL

Precautions Re: Handling & Storage: Keep dusty areas free of ignition sources.

Disposal Methods: Product would not be a hazardous waste under federal regulations. Dispose of in accordance with state and local regulations.

Steps to take Re: Spills or Leaks: Clean spills up promptly to prevent slip/fall hazard. Remove sources of ignition in dusty work situations. Scoop into containers for proper disposal.

SECTION VII - REACTIVITY DATA

Stability: Stable

Incompatibility (Material to avoid): None

Hazardous Decomposition Products: Thermal decomposition may produce irritating gases, carbon monoxide, carbon dioxide, nitrogen acrid smoke and fumes.

Hazardous Polymerization: Will not occur.

The information contained herein is based on data considered accurate. However, no warranty of any kind is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. The user should review any recommendations in the specific context of the intended use to determine whether they are appropriate.
