



MATERIAL SAFETY DATA SHEET

CRANBERRY SEEDS

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: CRANBERRY SEEDS
Product Use: Personal Care Formulations
Company Name: Saffire Blue Inc.
Company Address: 1444 Bell Mill Road, Tillsonburg, ON N4G4G9 Canada
Date Issued: 1/1/2008
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients:
Dried Cranberry Seeds 100%
Hazardous Components: None
CAS #:

3. HAZARDS IDENTIFICATION

Routes of Entry
Eye Contact: May cause mild irritation
Skin Contact: No hazard
Ingestion: No available data
Inhalation: See below
OSHA Limit for Nuisance Dust: 5 mg/cubic meter respirable fraction
15 mg / cubic meter total dust

4. FIRST AID MEASURES

Eyes: Flush with plenty of water for 15 minutes. Get medical attention if irritation persists.
Skin: N/A
Ingestion: No available data
Inhalation: Remove to fresh air.
Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Flash Point (Method Used): N/A
Flammable Limits
LEL:
UEL:

Extinguishing Media:	Dry chemical, carbon dioxide, halon, water spray
Special Firefighting Procedures:	Manage bulk quantities to eliminate flammable air-dust mixtures. Keep free of ignition sources.
Unusual Fire & Explosion Hazards:	N/A
Hazard Thermal Decomposition Products:	N/A

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Methods for Cleaning Up:	Clean spills promptly to prevent slip/fall hazard. Remove sources of ignition in dusty conditions, scoop spilled material into containers for proper disposal.
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7. HANDLING AND STORAGE

Handling	
Safe Handling:	N/A
Storage	
Requirements for Storage Areas and Containers:	Store in cool, dry storage area. Keep away from ignition sources.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Eye:	Safety glasses should be worn.
Skin/Body:	Gloves & Aprons should be worn.
Respiratory:	Use adequate ventilation or NIOSH-approved respiratory devices.
Other:	Evaluate need based on application.
Work/Hygiene Practice:	N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Free flowing seed
Color:	Dark purple
Odor:	None
pH:	N/A
Vapor Pressure (mm Hg.):	N/A
Vapor Density (AIR = 1):	N/A
Boiling Point: (@ 760 mmHg)	N/A
Melting Point:	N/A
Specific Gravity: (H2O = 1)	0.3 – 0.6 g/cc
Evaporation Rate:	N/A
Solubility in Water:	Insoluble
Water Reactive:	No

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions
Incompatibility (Materials to Avoid):	None
Hazardous Decomposition or Byproducts:	None
Conditions to Avoid:	None

Hazardous Polymerization: N/A

11. TOXICOLOGICAL INFORMATION

Signs and Symptoms of Exposure: N/A
Threshold Limit Value: Non Toxic
Medical Conditions Generally Aggravated by Exposure: None
Irritancy: Oral: Non-hazardous
Skin: Possible skin irritant upon prolonged exposure
Eyes: Will cause eye irritation
Inhalation: Irritation and coughing
Carcinogenicity: No Data

12. ECOLOGICAL INFORMATION

Biodegradation: Expected to be ultimately biodegradable
Fish Toxicity: No Data
Bacterial Toxicity: No Data

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Material is not considered hazardous under federal regulations. Dispose in accordance with state and local regulations.

14. TRANSPORT INFORMATION

DOT Classification:
Class/Division: Not restricted
Proper Shipping Name: NA
Label: None
Packing Group: NA
ID Number: NA
Hazard: NA

15. REGULATORY INFORMATION

None

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.
This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.