



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION AND CONTACT INFORMATION

PRODUCT IDENTIFIER: Carrot Powder
CHEMICAL NAME:
INCI NAME: Daucus Carota Sativa (Carrot) Root Powder
CAS NO: Not Available

CONTACT INFORMATION:

Company Name: SAFFIRE BLUE INC.
Company Address: 1444 Bell Mill Road, Tillsonburg, ON CANADA
Telephone Number: 519-286-0295

24 Hr. Emergency Telephone Number: (800) 424-9300
(CHEMTREC)

SECTION 2 - COMPOSITION

CAS NO. INGREDIENT TYPICAL Wt. %

EC CLASSIFICATIONS: Not required.

SECTION 3 - HAZARD IDENTIFICATION

THIS PRODUCT IS A MIXTURE FOR WHICH NO HEALTH HAZARD DATA EXISTS. THIS MIXTURE IS A PROPRIETARY BLEND WHOSE CONSTITUENCY IS CONSIDERED CONFIDENTIAL. THE HAZARDS ASSOCIATED WITH THIS MIXTURE ARE BASED UPON THE INDIVIDUAL HAZARDS OF ITS CONSTITUENTS.

PRESENCE OF CARCINOGENS: YES NO X NOT AVAILABLE
PRESENCE OF MUTAGENS: YES NO X NOT AVAILABLE

POTENTIAL ADVERSE HEALTH EFFECTS FOR THIS PRODUCT:

May be irritating to the skin, eyes, mucous membranes, throat, & lungs. Toxic to aquatic organisms.

SECTION 4 - FIRST AID MEASURES

INHALATION EXPOSURE: Wash out mouth with water. Seek fresh air immediately. If breathing is difficult, get medical attention.

SKIN CONTACT: Remove contaminated clothing. Wash affected areas with plenty of soap and water. If irritation develops, get medical attention.

EYE CONTACT: Flush with water for at least 15 minutes. If irritation develops, get medical attention.

INGESTION: Drink lots of water to dilute substance. Get medical attention immediately.

SECTION 5 – FIRE FIGHTING MEASURES

FLASH POINT:	Not Available
EXTINGUISHING MEDIA:	Carbon dioxide, dry chemical, foam. If water must be used, use as a spray only.
UNUSUAL FIRE FIGHTING PROCEDURES:	None
UNUSUAL FIRE & EXPLOSION HAZARDS:	Not Available
CONDITIONS OF FLAMMABILITY:	Not Available
UPPER FLAMMABILITY LIMIT:	Not Available
LOWER FLAMMABILITY LIMIT:	Not Available
AUTO-IGNITION TEMP:	Not Available
HAZARDOUS COMBUSTION PRODUCTS:	Carbon dioxide, carbon monoxide, and acrid fumes.
SENSITIVITY TO MECHANICAL IMPACT:	Not Applicable
SENSITIVITY TO STATIC DISCHARGE:	Not Available

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Refer to section 8 for personal protection equipment information.
ENVIRONMENTAL PRECAUTIONS:	Not Available
CLEANUP PROCEDURES:	Small spills should be adsorbed by dirt, sand or other suitable adsorbent. Large spills may be pumped into closed containers for recovery or disposal.

SECTION 7 – HANDLING AND STORAGE

HANDLING:	Wear safety glasses or goggles, rubber gloves and apron when handling.
STORAGE:	Do not store in close proximity to heat, sparks, open flames, strong acids, and strong bases. To minimize product degradation, avoid prolonged exposure of the material to air. Keep container tightly closed when not in use.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION EQUIPMENT

EXPOSURE CONTROLS

VENTILATION:	Not normally required. Local mechanical exhaust may be needed in confined and warm areas.
SAFETY STATIONS:	An eyewash and safety shower should be readily available.
CONTAMINATED EQUIPMENT:	Clean contaminated equipment with soap and water. Do not discharge wash water into lakes, streams, ponds or public waters.

PERSONAL PROTECTION EQUIPMENT:

EYE PROTECTION:	Wear safety glasses or goggles.
HAND PROTECTION:	Wear standard industrial type rubber gloves.
SKIN PROTECTION:	A rubber apron is recommended when handling large quantities of this material.
RESPIRATORY PROTECTION:	A respirator is not normally required. If the vapor concentration is high, use a NIOSH approved organic vapor respirator.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:	Powder
ODOR:	Characteristic
SOLUBILITY IN WATER:	Not Available
SOLUBILITY IN ALCOHOL:	Not Available
APPEARANCE:	Beige (tint of light orange)
FLASH POINT:	N/A
SPECIFIC GRAVITY (@ 25°C):	N/A
REFRACTIVE INDEX (@ 20°C):	N/A
FREEZING POINT:	Not Available
VAPOR PRESSURE:	Not Available
ODOR THRESHOLD:	Not Available
BOILING POINT:	Not Available
VAPOR DENSITY (AIR=1):	Not Available
EVAPORATION RATE:	Not Available
pH:	Not Available
COEFFICIENT OF WATER/OIL DISTRIBUTION:	Not Available

SECTION 10 – STABILITY AND REACTIVITY

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, and acrid fumes.

CONDITIONS TO AVOID: Prolonged or excessive heat and/or exposure to air may cause decomposition or oxidation of the material.

MATERIALS TO AVOID: Avoid contact with strong acids, strong bases, and materials that react with unsaturated hydrocarbons, alcohols and aldehydes.

SECTION 11 – TOXICOLOGICAL INFORMATION

TARGET ORGANS: Skin. PRIMARY ENTRY ROUTES: Skin.

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: None known.

ACUTE TOXICITY

ACUTE ORAL: Not determined.
ACUTE INHALATION: Not determined.

ACUTE DERMAL: Not determined.
EYE IRRITANCY: Prolonged contact with the undiluted material may cause irritation.
DERMAL IRRITANCY: Prolonged contact with the undiluted material may cause irritation.
SKIN SENSITIZATION: Not determined.

CHRONIC TOXICITY:
MUTAGENICITY: Not determined.
TERATOGENICITY: Not determined.

SECTION 12 – ECOLOGICAL INFORMATION

BIODEGRADABILITY: Not determined.
AQUATIC TOXICITY: Not available
MOBILITY: Not determined.
BIOACCUMULATION POTENTIAL: Not determined.

SECTION 13 – DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Dispose of waste in accordance with all applicable Federal, State and Local laws.

SAFE HANDLING OF WASTES: Refer to section 8 for information on personal protection equipment and exposure controls when handling this material for disposal.

COMMUNITY PROVISION: Dispose of this material at a government approved landfill, incinerator or recovery facility.

SECTION 14 – TRANSPORTATION INFORMATION

ADR/RID: Not regulated.
IMDG Class: Not regulated.
IATA Classification: Not regulated.

SECTION 15 – REGULATORY INFORMATION

INVENTORIES STATUS:
USA (TSCA): Compliant
EUROPEAN UNION: Compliant
CANADA: Compliant

AUSTRALIA:	Compliant
JAPAN:	Compliant
KOREA:	Compliant
PHILIPPINES:	Compliant
CHINA:	Not determined

SECTION 16 - OTHER INFORMATION

HAZARDOUS MATERIALS INFORMATION SYSTEM (HMIS)

HEALTH:	Not Available
FLAMABILITY:	Not Available
REACTIVITY:	Not Available
PERSONAL PROTECTION:	C-See section 8

SECTION 17 – PREPARATION DATE OF MSDS

References:

RIFM-Research Institute for Fragrance Materials.

RTECS-Registry of Toxic Effects of Chemical Substances.

Acronyms:

NTP- National Toxicology Program; IARC- International Agency for Research on Cancer; OSHA- Occupational Health and Safety Administration.

The information contained in this document is to the best of our knowledge, current and accurate. However, these data are provided without any warranty expressed or implied regarding its correctness or accuracy. Nor will any liability be assumed for damages resultant from the use of the material described. Recipients are advised to determine in advance the safe condition for use of this product.

It is the responsibility of the user to comply with all applicable national and local laws and regulations. It remains also the responsibility of the user to make sure that the information is appropriate and complete for their special use of this product. The user should consider the health hazards and safety information provided herein as a guide and should take the necessary steps to instruct employees and to develop work practice procedures to ensure a safe work environment.