

\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*

---

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

---

PRODUCT NUMBER.....11770  
PRODUCT NAME.....UtyMax sold in cases of 60/5 gram single serve packets

Medtrition/National Nutrition, Inc.  
P.O. Box 5383  
Lancaster PA 17606-5383  
USA

Emergency Telephone:  
1-717-569-8561 Toll Free 1-877-271-3570

---

2. COMPOSITION/INFORMATION ON INGREDIENTS

---

CHEMICAL FAMILY.....Natural Food - Cranberry

NON HAZARDOUS

---

3. HAZARDS IDENTIFICATION

---

EYE.....Particulates may scratch eye surface/cause  
mechanical irritation.  
SKIN CONTACT .....Low order of toxicity.  
INHALATION .....This product can produce a nuisance dust  
that should be maintained below a time  
weight average of 10 mg/m<sup>3</sup>.  
INGESTION .....No hazard in normal industrial use.

---

4. FIRST-AID MEASURES

---

EYE.....Flush eyes with large amounts of water  
until irritation subsides. If irritation  
persists, get medical attention.  
SKIN CONTACT .....Wash with soap and water.  
INHALATION .....Remove to fresh air.  
INGESTION .....Not applicable.

---

\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*

5. FIRE FIGHTING MEASURES

---

AUTO IGNITION.....	See Fire & Explosion Hazards
FLASH POINT .....	Not Applicable
EXTINGUISHING MEDIA.....	Dry chemical; CO <sub>2</sub> ; Water fog; Foam
SPECIAL FIRE FIGHTING PROCEDURE .....	No special procedures are required
FIRE & EXPLOSION HAZARDS .....	Minimum ignition temperature of dust cloud- approx. 390 C. Minimum explosive concentration- approx. 62 mg/1. Minimum energy to ignite cloud by electrical spark- approx. 0.045 joules.
HAZARDOUS COMBUSTION PROD.....	This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.
UPPER EXPLOSION LIMIT (%) .....	Not Applicable
LOWER EXPLOSION LIMIT (%).....	Not Applicable
NFPA FLAMMABILITY HAZARD CLASS .....	1 = Slight

---

6. ACCIDENTAL RELEASE MEASURES

---

SPILL AND LEAK PROCEDURES .....	Spills should be taken up with suitable absorbent and placed in containers. Spill area can be washed with water; collect wash water for approved disposal. Do not flush to storm sewer or waterway.
---------------------------------	---

For safety and environmental precautions, please review entire Material Safety Data Sheet for necessary information.

---

7. HANDLING AND STORAGE

---

STORAGE TEMPERATURE .....	Ambient.
HANDLING/STORAGE .....	Normal precautions for "Nuisance Dust" should be observed. Avoid prolonged inhalation of dust. Sweep up or vacuum up and place in suitable container for disposal.

VENTILATION REQUIREMENTS .....	General
--------------------------------	---------

\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*

SENSITIVITY TO STATIC ELECTRICITY.....Yes

SENSITIVITY TO MECHANICAL IMPACT.....No

---

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

---

VENTILATION REQUIREMENTS .....General  
EYE PROTECTION REQUIREMENTS .....Safety glasses are optional  
GLOVE REQUIREMENTS .....Not applicable  
CLOTHING REQUIREMENTS .....Not applicable  
WASH REQUIREMENTS .....Wash with soap and water  
RESPIRATION REQUIREMENTS .....NIOSH approved dust mask.

---

9. PHYSICAL AND CHEMICAL PROPERTIES

---

PURE SUBSTANCE OR MIXTURE .....Mixture  
PHYSICAL FORM.....Powder  
APPEARANCE/ODOR.....Off white color/No noticeable odor  
ODOR THRESHOLD.....Not available  
MOLECULAR WEIGHT .....>10000  
PH AS IS.....Not Applicable  
PH IN (1%) SOLUTION.....Approx. 6  
BOILING POINT.....Not Applicable  
MELTING/FREEZING POINT.....Not Applicable  
SOLUBILITY IN WATER.....Soluble  
PARTITION COEFFICIENT  
(n-octanol/water).....Not Applicable  
SPECIFIC GRAVITY (WATER=1).....1.500  
EVAPORATION RATE.....Not Applicable  
VAPOR PRESSURE (mmHg).....Not Applicable  
VAPOR DENSITY (air = 1).....Not Applicable  
VOLATILES.....None  
VOLATILE ORGANIC COMPOUNDS.....Not Applicable  
AUTO IGNITION.....See Fire & Explosion Hazards  
FLASH POINT .....Not Applicable  
OXIDIZING PROPERTIES .....Not Applicable

---

10. STABILITY AND REACTIVITY

\*\*\* MATERIAL SAFETY DATA SHEET \*\*\*

---

STABILITY .....Stable  
MATERIALS TO AVOID.....None  
NFPA REACTIVITY HAZARD CLASS .....0 = Insignificant  
HAZARDOUS DECOMPOSITION PRODUCTS.....This product does not undergo spontaneous decomposition. Typical combustion products are carbon monoxide, carbon dioxide, nitrogen and water.

---

11. TOXICOLOGICAL INFORMATION

---

CHRONIC (LONG TERM) EFFECTS OF EXPOSURE

ROUTE OF ENTRY.....Eye contact; Skin contact; inhalation;  
Ingestion  
EFFECTS OF CHRONIC EXPOSURE.....None  
TARGET ORGANS .....Not Applicable  
SPECIAL HEALTH EFFECTS.....None known

---

12. ECOLOGICAL INFORMATION

---

Not available

---

13. DISPOSAL CONSIDERATIONS

---

WASTE DISPOSAL METHODS .....Waste disposal should be in accordance with existing federal, state and local environmental regulations.  
EMPTY CONTAINER WARNINGS .....Empty containers may contain product residue; follow MSDS and label warnings even after they have been emptied.

---

14. TRANSPORTATION INFORMATION

---

**\*\*\* MATERIAL SAFETY DATA SHEET \*\*\***

DOT INFORMATION.....Not Applicable

---

15. REGULATORY INFORMATION

---

TSCA .....On TSCA Inventory  
FDA.....21CFR172.892  
SARA/TITLE III.....This product contains no substances at or  
above the reporting threshold under  
Section 313, based on data available.

The information given and the recommendations made herein apply to our product (s) alone and are not combined with other product (s). such are based on our research and on data from other reliable sources an are believed to be accurate. No guaranty of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.

---

16. OTHER INFORMATION

---

MSDA DATE .....September 8, 2010  
CHANGES SINCE PREVIOUS ISSUE.....name and contact information

FOR REGULATORY INFORMATION, CONTACT:

Amanda Trainor  
Quality Control Manager  
Medtrition/National Nutrition, Inc.  
P.O. Box 5383  
Lancaster PA 17606-5383 USA  
Telephone: 1-717-569-8561