

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

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NUMBER.....11220

PRODUCT NAME.....ArgiMent sold in cases of 40/26.4 gram 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

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2. COMPOSITION/INFORMATION ON INGREDIENTS

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CHEMICAL FAMILY .....Protein, amino acids

NON HAZARDOUS

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3. HAZARDS IDENTIFICATION

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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.

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4. FIRST-AID MEASURES

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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.

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5. FIRE FIGHTING MEASURES

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|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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/l. 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                                                                                                                                                                             |

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6. ACCIDENTAL RELEASE MEASURES

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

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7. HANDLING AND STORAGE

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|                           |                                                                                                                                                                    |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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

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SENSITIVITY TO STATIC ELECTRICITY.....Yes

SENSITIVITY TO MECHANICAL IMPACT.....No

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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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.

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9. PHYSICAL AND CHEMICAL PROPERTIES

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PURE SUBSTANCE OR MIXTURE .....Mixture

PHYSICAL FORM.....Powder

APPEARANCE/ODOR.....Orange color

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

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10. STABILITY AND REACTIVITY

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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.

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11. TOXICOLOGICAL INFORMATION

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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

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12. ECOLOGICAL INFORMATION

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Not available

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13. DISPOSAL CONSIDERATIONS

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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.

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14. TRANSPORTATION INFORMATION

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DOT INFORMATION.....Not Applicable

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**15. REGULATORY INFORMATION**

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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.

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**16. OTHER INFORMATION**

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MSDA DATE .....October 29, 2012  
CHANGES SINCE PREVIOUS ISSUE.....Change to address and contact information

FOR REGULATORY INFORMATION, CONTACT:

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Lancaster PA 17606-5383  
USA  
Telephone: 1-717-569-8561