

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

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1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NUMBER.....18470  
PRODUCT NAME.....**Banatrol Plus** sold in 10.75 single serve packets

Medtrition, Inc.  
P.O. Box 5387  
Lancaster PA 17606-5387  
USA

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

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2. 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/m3.  
INGESTION .....No hazard in normal industrial use.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

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CHEMICAL FAMILY .....Natural Food – banana flakes  
NON HAZARDOUS

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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/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

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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 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
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 .....Granular, Banana 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

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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

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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 SDS 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.

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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 .....August 24, 2015

CHANGES SINCE PREVIOUS ISSUE .....Update SDS name; June 11, 2013 -Address and contact information

**FOR REGULATORY INFORMATION, CONTACT:**

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Quality Control Manager  
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P.O. Box 5387  
Lancaster PA 17606-5387

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