1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBERS ....................... 11432; 11444; 11454, 11525, 11476, 11535, 11545, 11555, 11651, 11661, 11671
PRODUCT NAME ........................ ProSource Liquid Protein; ProSource No Carb Liquid Protein; ProSource Plus Liquid Protein; ProSource Liquid ZAC; ProSource TF;

Sold in various flavors in 30 oz. bottles and 1 oz. portion control packets.

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

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

2. HAZARDS IDENTIFICATION

EYE ........................................ Liquid may cause irritation.
SKIN CONTACT .......................... Low order of toxicity.
INHALATION ............................. No hazard in normal industrial use.
INGESTION .............................. No hazard in normal industrial use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL FAMILY ........................ Protein

NON HAZARDOUS

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.
**SAFETY DATA SHEET**

**INHALATION**
Remove to fresh air.

**INGESTION**
Not applicable.

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**5. FIRE FIGHTING MEASURES**

**AUTO IGNITION**
See Fire & Explosion Hazards

**FLASH POINT**
Not Applicable

**EXTINGUISHING MEDIA**
Dry chemical; CO2; 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**

**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 Safety Data Sheet for necessary information.

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**7. HANDLING AND STORAGE**

**STORAGE TEMPERATURE**
Ambient.

**HANDLING/STORAGE**
Do not freeze.

**VENTILATION REQUIREMENTS**
General

**SENSITIVITY TO STATIC ELECTRICITY**
Yes

**SENSITIVITY TO MECHANICAL IMPACT**
No
# Safety Data Sheet

## 8. Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ventilation Requirements</td>
<td>General</td>
</tr>
<tr>
<td>Eye Protection Requirements</td>
<td>Safety glasses are optional</td>
</tr>
<tr>
<td>Glove Requirements</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Clothing Requirements</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Wash Requirements</td>
<td>Wash with soap and water</td>
</tr>
<tr>
<td>Respiration Requirements</td>
<td>NIOSH approved dust mask</td>
</tr>
</tbody>
</table>

## 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pure Substance or Mixture</td>
<td>Mixture</td>
</tr>
<tr>
<td>Physical Form</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance/Odor</td>
<td>Brown to Red, Orange, Fruit Punch, Orange, slight Vanilla flavor. Aroma Fruit Punch, Orange, slight vanilla notes.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>&gt;10000</td>
</tr>
<tr>
<td>PH As Is</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>PH in (1%) Solution</td>
<td>Approx. 6</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Melting/Freezing Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Solubility in Water</td>
<td>Soluble</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td></td>
</tr>
<tr>
<td>(n-octanol/water)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Specific Gravity (water=1)</td>
<td>1.500</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Vapor Pressure (mmHg)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Vapor Density (air = 1)</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Volatiles</td>
<td>None</td>
</tr>
<tr>
<td>Volatile Organic Compounds</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Auto Ignition</td>
<td>See Fire &amp; Explosion Hazards</td>
</tr>
<tr>
<td>Flash Point</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Oxidizing Properties</td>
<td>Not Applicable</td>
</tr>
</tbody>
</table>

## 10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable</td>
</tr>
<tr>
<td>Materials to Avoid</td>
<td>None</td>
</tr>
<tr>
<td>NFPA Reactivity Hazard Class</td>
<td>0 = Insignificant</td>
</tr>
</tbody>
</table>
*** SAFETY DATA SHEET ***

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

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 and 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

SDA DATE ................................................. July 31, 2017
CHANGES SINCE PREVIOUS ISSUE .................. Updated Flavor/Aroma profile;
........................................................................ addition of ProSource TF, Update issue date.
........................................................................ Changed Name to SDS, Updated issue date for
........................................................................ 7/31/17; 8/1/14.

FOR REGULATORY INFORMATION, CONTACT:

Michael Deiling
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