

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

078919665

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

078919664

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
**MATERIAL SAFETY DATA SHEET**

REQUIRED UNDER USDL SAFETY AND HEALTH REGULATIONS FOR SHIP REPAIRING, SHIPBUILDING, AND SHIPBREAKING (29CFR 1915-16-17)	
<b>SECTION I</b>	
Manufacturer's Name <b>APC, INC.</b>	Emergency Telephone No. <b>(515) 289-7600</b>
Address <b>2425 SE Oak Tree Court, Ankeny, IA 50021</b>	

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Patterson Veterinary Supply

Prepared/Rev. **03/28/2013**

Date Issued **02/25/2015**

**"NOT INTENDED FOR HUMAN CONSUMPTION"**

SKU No.	CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS
<b>60085</b>	<b>N/A</b>	<b>LIFELINE® Nourish™ Beef Colostrum Replacer</b>
CHEMICAL FAMILY		FORMULA
<b>Animal Feed Supplement</b>		<b>N/A</b>

**SECTION II - HAZARDOUS INGREDIENTS**

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
<b>NOT APPLICABLE</b>		

**SECTION III - PHYSICAL DATA**

BOILING POINT (°F. UNLESS OTHERWISE SPECIFIED.) <b>NOT APPLICABLE</b>	SPECIFIC GRAVITY (H20 = 1) <b>NOT APPLICABLE</b>
VAPOR PRESSURE (MM HG.) <b>NOT APPLICABLE</b>	PERCENT VOLATILE BY VOLUME (%) <b>0</b>
SOLUBILITY IN WATER <b>Soluble</b>	EVAPORATION RATE <b>NOT APPLICABLE</b>
APPEARANCE AND ODOR  <b>Light cream / pale brown powder, mild characteristic odor.</b>	

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (°F. UNLESS OTHERWISE SPECIFIED.) <b>NOT APPLICABLE</b>	METHOD USED	FLAMMABLE LIMITS <b>NOT APPLICABLE</b>	LEL	UEL
EXTINGUISHING MEDIA <b>Carbon Dioxide, Dry Chemicals</b>				
SPECIAL FIRE FIGHTING PROCEDURES <b>NOT APPLICABLE</b>				
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>As with any organic dust, may be explosive if mixed with air in critical proportions. Maintain normal good housekeeping.</b>				

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE <i>Not established.</i>	
EFFECTS OF OVEREXPOSURE  <i>Unknown. May be irritating to skin and eyes.</i>	
EMERGENCY AND FIRST AID PROCEDURES <b>Possible allergen to those allergic to bovine products.</b> <i>Skin: Rinse with soap and water. Contact physician if irritation persists.</i> <i>Eyes: Flush copiously with water. Contact physician if irritation persists.</i>	

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	*	
INCOMPATIBILITY (MATERIALS TO AVOID) <i>Not Found</i>			
HAZARDOUS DECOMPOSITION PRODUCTS <i>Not Found</i>			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	*	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED <i>Scoop up as much as possible and dispose of in garbage system when acceptable or landfill.</i> <i>Flush away remaining material with water and detergent.</i>	
WASTE DISPOSAL METHOD  <i>In accordance with local, state, and federal regulations</i>	

SECTION VIII - SPECIAL PROTECTION INFORMATION			
RESPIRATORY PROTECTION (Sp <sub>κ</sub> (SPECIFY TYPE) <i>Optional - NIOSH / MSHA approved respiratory mask</i>			
VENTILATION RECOMMENDED	<i>Local Exhaust usual</i>		SPECIAL
	<i>Mechanical (General) usual</i>		OTHER
PROTECTIVE GLOVES		EYE PROTECTION	<i>Splash Goggles</i>
OTHER PROTECTIVE EQUIPMENT			

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING  <i>Transport and store in clean, dry area; ambient temperature</i>	
OTHER PRECAUTIONS  <b>"NOT INTENDED FOR HUMAN CONSUMPTION"</b>	

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# SAFETY DATA SHEET

## Section 1: Identification

**Product Name** Lifeline® Nourish™  
**SKU No.** 60085  
**Relevant identified uses of the substance or mixture and uses advised against**  
**Recommended use** Animal Feed Supplement  
**Manufacturer** APC, Inc.  
2425 SE Oak Tree Court  
Ankeny, Iowa 50021  
United States  
www.functionalproteins.com  
**Emergency telephone number** (515) 289-7600

## Section 2: Hazard Identification

### GHS - Classification of the substance or mixture

**Signal Word** Not hazardous

**Health Hazard** Not hazardous

**Physical Hazards** Not hazardous

### Principle Routes of Exposure/Potential Health Effects

**Eyes** May cause eye irritation with susceptible persons.

**Skin** May cause skin irritation in susceptible persons.

**Inhalation** May be harmful by inhalation.

**Ingestion** May be harmful if swallowed.

### Specific effects

**Carcinogenic effects** None

**Mutagenic effects** None

**Reproductive toxicity** None

**Sensitization** None

**Target Organ Effects** No known effects under normal use conditions.

**Label Elements** None

<b>Hazardous Material Information System (HMIS):</b>	<b>Health</b>	<b>0</b>
	<b>Flammability</b>	<b>0</b>
	<b>Reactivity</b>	<b>0</b>

## Section 3 - Composition/Information on Ingredients

The product does not contain substances, which at their given concentration, are considered to be hazardous to health. We recommend handling all chemicals with caution.

## Section 4: First-Aid Measures

<b>Inhalation</b>	Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.
<b>Skin</b>	Rinse with plenty of water. If symptoms arise, call a physician.
<b>Eye</b>	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	Do NOT induce vomiting. If person is drowsy or unconscious and vomiting, place on the left side with head down. Seek medical attention.
<b>Most Important Symptoms and Effects, both Acute and Delayed</b>	Inhalation (dust): Large quantities may cause irritation to the respiratory system. Increase difficulty in breathing. Sneezing. Coughing. Eye Contact: May cause irritation. Ingestion: May cause a stomach ache.
<b>Notes to Physician</b>	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5: Fire-Fighting Measures

<b>Suitable Extinguishing Media</b>	Carbon dioxide, dry chemical
<b>Unsuitable Extinguishing Media</b>	Do not use water jet.
<b>Unusual Fire and Explosion Hazards</b>	As with any organic dust, may be explosive if mixed with air in critical proportions.
<b>Advice for firefighters</b>	Wear self-contained breathing apparatus and protective suit.

## Section 6 - Accidental Release Measures

<b>Personal Precautions</b>	Goggles, rubber gloves recommended. In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Emergency Procedures</b>	As an immediate precautionary measure isolate spill or leak area for at least 50 meters (150 feet) in all directions.
<b>Environmental Precautions</b>	Avoid release to environment.
<b>Methods / Materials for Containment/Clean-up</b>	Sweep up into suitable containers for recovery or disposal. Dispose of via a licensed waste disposal contractor. Flush area with soap and water.

## Section 7 - Handling and Storage

<b>Handling</b>	Avoid inhaling dust. Avoid contact with eyes.
<b>Storage</b>	Store in clean, dry area; ambient temperature
<b>Incompatible Materials or Ignition Sources</b>	No known material or ignition sources.

## Section 8 - Exposure Controls/Personal Protection

**Occupational Exposure Engineering Measures** Contains no substances with occupational exposure limit values. Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limit values.

### Personal Protective Equipment

**Respiratory** In case of insufficient ventilation, wear suitable respiratory equipment.  
**Eye/Face** Wear safety goggles.  
**Hands** Wear protective gloves.  
**Skin/Body** Wear lightweight protective clothing.  
**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice.

**Environmental Exposure Controls** Follow best practice for site management and disposal of waste. Avoid release to the environment.

## Section 9 - Physical and Chemical Properties

### Material Description

**Physical Form** Powder  
**Appearance** Light tan colored powder  
**Odor** Mild characteristic odor  
**Boiling Point/Range** No data  
**Melting Point/Range** No data  
**pH** No data  
**Evaporation** No data  
**Flammability** No data  
**Vapor** No data  
**Bulk Density** No data  
**Solubility** Soluble in water  
**Partition coefficient** No data  
**Autoignition** No data  
**Oxidizing Properties** No data  
**Water Solubility** No data

## Section 10: Stability and Reactivity

**Chemical Stability** Stable under normal temperatures and pressures  
**Reactivity** No dangerous reaction known under conditions of normal use.  
**Possibility of Hazardous Reactions** Hazardous polymerization will not occur.  
**Incompatible Materials** No dangerous reaction known under conditions of normal use.  
**Hazardous Decomposition Products** None

## Section 11 - Toxicological Information

<b>Target Organs</b>	No known effects under conditions normal of use
<b>Entry/Exposure</b>	
Inhalation	May be harmful by inhalation
Skin	May cause skin irritation in susceptible persons.
Eye	May cause eye irritation in susceptible persons.
Ingestion	May be harmful if swallowed.

## Section 12 - Ecological Information

<b>Toxicity</b>	Material data lacking.
<b>Biodegradation</b>	Material data lacking.
<b>Bioaccumulation</b>	Material data lacking.
<b>Mobility in Soil</b>	Material data lacking.

## Section 13 - Disposal Considerations

<b>Product waste</b>	Dispose of content and/or container to licensed waste disposal site in accordance with local, regional, national, and/or international regulations.
<b>Packaging waste</b>	Dispose of content and/or container to licensed waste disposal site in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

<b>IATA</b>	
Proper shipping name	Not classified as dangerous in the meaning of transport regulations
Hazard Class	None
Subsidiary Class	None
Packing Group	None
UN-No	None

## Section 15 - Regulatory Information

### SARA Hazard Classifications

This product is not regulated by SARA.

### Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product does not contain HAPs.

### California Proposition 65

This product does not contain chemicals listed under Proposition 65.

## Section 16 - Other Information

**Date Created:** July 9, 2015  
**Date Last Revised:** July 9, 2015

### **Disclaimer/Statement of Liability**

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