

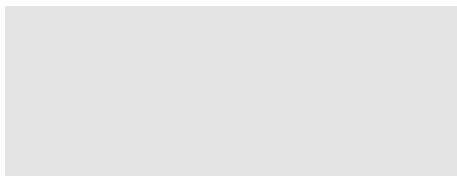
U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration  
**MATERIAL SAFETY DATA SHEET**

REQUIRED UNDER USDL SAFETY AND HEALTH REGULATIONS FOR SHIP REPAIRING, SHIPBUILDING, AND SHIPBREAKING (29CFR 1915-16-17)

**SECTION I**

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>	

C  
U  
S  
T  
O  
M  
E  
R



Date Prepared: **07/01/04**

Date Issued: XXXXXXXXXX

**"NOT FOR HUMAN CONSUMPTION"**

SKU No.	CHEMICAL NAME AND SYNONYMS	TRADE NAME AND SYNONYMS
<b>1621</b>		<b>AP301G    Spray Dried Animal Blood Cells</b>
CHEMICAL FAMILY		FORMULA
<b>Protein</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>Dry, Dark red-colored granules; no distinguishable aroma</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

*Not established.*

EFFECTS OF OVEREXPOSURE

*Unknown. May be irritating to skin and eyes.*

EMERGENCY AND FIRST AID PROCEDURES

**Possible allergen to those allergic to bovine or porcine products.***Skin: Rinse with soap and water. Contact physician if irritation persists.**Eyes: Flush copiously with water. Contact physician if irritation persists.***SECTION VI - REACTIVITY DATA**

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

\*

INCOMPATIBILITY (MATERIALS TO AVOID)

*Not Found*

HAZARDOUS DECOMPOSITION PRODUCTS

*Not Found*

HAZARDOUS

MAY OCCUR

CONDITIONS TO AVOID

POLYMERIZATION

WILL NOT OCCUR

\*

**SECTION VII - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

*Flush away with water and detergent.*

WASTE DISPOSAL METHOD

*In accordance with Local, State and Federal regulations***SECTION VIII - SPECIAL PROTECTION INFORMATION**RESPIRATORY PROTECTION (S<sub>c</sub> (SPECIFY TYPE))*Optional - NIOSH / MSHA approved respiratory mask*

VENTILATION

*Local Exhaust usual*

SPECIAL

RECOMMENDED

*Mechanical (General) usual*

OTHER

PROTECTIVE GLOVES

EYE PROTECTION

*Splash Goggles*

OTHER PROTECTIVE EQUIPMENT

**SECTION IX - SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

*Transport and store in clean, dry area; ambient temperature*

OTHER PRECAUTIONS

**"NOT FOR HUMAN CONSUMPTION"**

THIS INFORMATION IS FURNISHED WITHOUT WARRANTY, REPRESENTATION, INDUCEMENT, OR LICENSE OF ANY KIND, EXCEPT THAT IT IS BELIEVED ACCURATE TO THE BEST OF OUR KNOWLEDGE, OR OBTAINED FROM SOURCES BELIEVED TO BE ACCURATE. APC, INC. DOES NOT ASSUME ANY LEGAL RESPONSIBILITY FOR USE OR RELIANCE UPON SAME. CUSTOMERS ARE ENCOURAGED TO CONDUCT THEIR OWN TESTS.