



Safety Data Sheet

SECTION 1: IDENTIFICATION	
PRODUCT NAME	Dairyman's Edge® PRO
RECOMMENDED USE	Multi-component rumen efficiency product for dairy cattle. Feed 1-2 oz per cow per day.
MANUFACTURER	Papillon Agricultural Company
ADDRESS	129 N. West Street 2 nd Floor Easton, MD 21601
CONTACT INFORMATION	Telephone: (800) 888-5688 Fax: (410) 822-0429
EMERGENCY PHONE NUMBER	(443) 496-1286
SECTION 2: HAZARD(S) IDENTIFICATION	
CLASSIFICATION	N/A — Non-hazardous Mixture/ Formula
SIGNAL WORD/ PRECAUTIONARY STATEMENT	N/A
OTHER HAZARDS	N/A
SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS	
INGREDIENTS	Active dry yeast (Dried <i>Saccharomyces cerevisiae</i> fermentation product), Yeast Culture (<i>Saccharomyces cerevisiae</i> grown and dormantized on ground yellow corn, corn gluten meal, condensed fermented corn extractives, cane molasses, and malted barley), dried <i>Enterococcus faecium</i> fermentation product, dried <i>Lactobacillus acidophilus</i> fermentation product, dried <i>Lactobacillus plantarum</i> fermentation product, dried <i>Lactobacillus brevis</i> fermentation product, dried <i>Bacillus lentus</i> fermentation extract, dried <i>Bacillus amyloliquefaciens</i> fermentation extract, dried <i>Aspergillus oryzae</i> fermentation extract, dried <i>Trichoderma reesei</i> fermentation extract, Salt of Glutamic Acid, dried grain byproducts, dried molasses product, calcium carbonate, and mineral oil.
CONCENTRATION	Ingredient percentages (concentrations) have been withheld as a trade secret.
SECTION 4: FIRST AID MEASURES	
FIRST AID MEASURES	Rinse eyes with clean water if irritated by dust
SYMPTOMS/ DELAYED EFFECTS	N/A
SPECIAL TREATMENT	N/A
SECTION 5: FIRE-FIGHTING MEASURES	
EXTINGUISHING MEDIA	N/A
SPECIFIC HAZARDS	N/A
FIRE-FIGHTER PRECAUTIONS	N/A
SECTION 6: ACCIDENTAL RELEASE MEASURES	
PERSONAL PRECAUTIONS	Respiratory mask/ filter and eye goggles to protect from dust
CLEAN-UP METHODS	Vacuum or sweep up any spilled product
SECTION 7: HANDLING AND STORAGE	

SAFE HANDLING PRECAUTIONS	N/A		
SAFE STORAGE CONDITIONS	Keep bags closed and store in a cool dry area for maximum stability. Avoid contact with strong acids as these will degrade the product.		
SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION			
OSHA EXPOSURE LIMIT	N/A		
ENGINEERING CONTROLS	N/A		
PERSONAL PROTECTIVE EQUIPMENT	Basic respiratory mask / filter and eye goggles to protect from dust.		
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES			
APPEARANCE	Tan free-flowing particles	FLAMMABILITY LIMITS	N/A
ODOR	Sweet smelling	VAPOR PRESSURE	N/A
ODOR THRESHOLD	N/A	VAPOR DENSITY	N/A
PH	N/A	RELATIVE DENSITY	54 lb / cubit ft
MELTING/FREEZING POINT	N/A	SOLUBILITY	50% in water
INITIAL BOILING POINT / BOILING RANGE	N/A	PARTITION COEFFICIENT; N-OCTANOL / WATER	N/A
FLASH POINT	N/A	AUTO-IGNITION TEMP	N/A
EVAPORATION RATE	N/A	DECOMPOSITION TEMP	N/A
FLAMMABILITY	N/A	VISCOSITY	N/A
SECTION 10: STABILITY AND REACTIVITY			
REACTIVITY	N/A		
CHEMICAL STABILITY	Stable under normal conditions		
POSSIBILITY OF HAZARDOUS REACTIONS	Polymerization will not occur		
CONDITIONS TO AVOID	N/A		
INCOMPATIBLE MATERIALS	Strong acids will degrade the product		
HAZARDOUS DECOMPOSITION PRODUCTS	N/A		
SECTION 11: TOXICOLOGICAL INFORMATION			
EXPOSURE ROUTES	Inhalation and eye contact; Dust may cause mild irritation to lungs and eyes		
SYMPTOMS OF TOXICOLOGICAL EFFECTS	N/A		
DELAYED/ IMMEDIATE EFFECTS OF LONG/ SHORT EXPOSURE	N/A		

NUMERICAL MEASURES OF TOXICITY	N/A
LISTED BY NTP/ IARC/ OSHA	N/A
SECTION 12: ECOLOGICAL INFORMATION (NON-MANDATORY)	
ECOTOXICITY	N/A
PERSISTENCE AND DEGRADABILITY	N/A
BIOACCUMULATIVE POTENTIAL	N/A
MOBILITY IN SOIL	N/A
OTHER ADVERSE EFFECTS	N/A
SECTION 13: DISPOSAL CONSIDERATIONS (NON-MANDATORY)	
TOXIC WASTE RESIDUE	N/A
DISPOSAL OF CONTAMINATED PACKAGING	N/A
SECTION 14: TRANSPORTATION INFORMATION (NON-MANDATORY)	
UN NUMBER	N/A
UN PROPER SHIPPING NAME	N/A
TRANSPORTATION HAZARD CLASS	N/A
PACKING GROUP	N/A
ENVIRONMENTAL HAZARDS	N/A
TRANSPORT IN BULK (ANNEX II OF MARPOL 73/78 & IBC CODE)	N/A
SPECIAL PRECAUTIONS	N/A
SECTION 15: REGULATORY INFORMATION (NON-MANDATORY)	
REGULATIONS	N/A
SECTION 16: OTHER INFORMATION	
PREPARATION DATE	November 14, 2018