



MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME:
DIAMOND V XP YEAST CULTURE

CHEMICAL NAME YEAST CULTURE

MANUFACTURER EMERGENCY TELEPHONE

Diamond V Mills (319) 366-0745
436 G Avenue N.W. (800) 373-7234 (outside Iowa)
P.O. Box 74570
Cedar Rapids, IA 52407 Date Prepared: 11/26/07

SECTION II HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

IS THIS PRODUCT HAZARDOUS IN THIS CONCENTRATION UNDER 29 CFR PART 1910.1200? YES [ ] NO [X]

IF YES, CHECK HEALTH HAZARD [ ] CARCINOGEN [ ] HIGHLY TOXIC
[ ] SENSITIZER [ ] TARGET ORGAN EFFECT
[ ] CORROSIVE [ ] IRRITANT
[ ] TOXIC

OR, CHECK PHYSICAL HAZARD [ ] COMBUSTIBLE LIQUID [ ] EXPLOSIVE
[ ] COMPRESSED GAS [ ] FLAMMABLE
[ ] ORGANIC PEROXIDE [ ] OXIDIZER
[ ] PYROPHORIC
[ ] UNSTABLE (REACTIVE) OR WATER-REACTIVE

Hazardous Components (Specific Chemical Identity, Common Name(s)) OSHA PEL ACGIH TLV Other Limits Recommended % Optional
N/A

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT ..... N/A
VAPOR PRESSURE (mmg Hg)..... N/A
VAPOR DENSITY (AIR = 1) ..... N/A
SOLUBILITY IN WATER..... N/A
APPEARANCE AND ODOR..... Typical - Tan granular powder
SPECIFIC GRAVITY (H2O = 1) ..... N/A
MELTING POINT ..... N/A
EVAPORATION RATE ..... N/A
(Butyl Acetate = 1)

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED) ..... N/A  
FLAMMABLE LIMITS..... N/A  
LEL..... N/A  
UEL ..... N/A  
EXTINGUISHING MEDIA ..... Water - Chemical - CO<sub>2</sub>  
SPECIAL FIRE FIGHTING PROCEDURES ..... N/A  
UNUSUAL FIRE FIGHTING HAZARDS ..... All dusts from grain products are highly explosive at critical air-dust concentrations

**SECTION V REACTIVITY DATA**

STABILITY UNSTABLE  STABLE   
CONDITIONS TO AVOID.....  
INCOMPATIBILITY (MATERIALS TO AVOID) ..... Strong oxidizing agents; moisture; high temperatures  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS..... None  
HAZARDOUS POLYMERIZATION MAY OCCUR  WILL NOT OCCUR   
CONDITIONS TO AVOID.....

**SECTION VI HEALTH HAZARD DATA  
Based on specific concentration as sold**

ROUTE(S) OF ENTRY:  
INHALATION  SKIN  INGESTION   
HEALTH HAZARDS (ACUTE AND CHRONIC)..... Individuals with known grain dust allergies or chronic respiratory disease should avoid contact with all dusty conditions  
CARCINOGENICITY: ..... No  
NPT ..... No  
OSHA REGULATED ..... No  
SIGNS AND SYMPTOMS OF EXPOSURE ..... Dust may affect allergies or respiratory problems  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE ..... Dust related problems  
EMERGENCY AND FIRST AID PROCEDURES ..... No specific procedures

**SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE**

STEPS TO BE TAKEN IN CASE MATERIAL IS  
RELEASED OR SPILLED ..... Conventional cleanup

WASTE DISPOSAL METHOD ..... In accordance with Federal, State  
and Local regulations

PRECAUTIONS TO BE TAKEN IN  
HANDLING AND STORING ..... Store in a cool, dry area

OTHER PRECAUTIONS ..... None

**SECTION VIII CONTROL MEASURES**  
**Specify whether one or more controls are necessary**  
**(alone or in combination)**

RESPIRATORY PROTECTION (SPECIFY TYPE) ..... General all-purpose dust mask if  
desired

IS RESPIRATORY PROTECTION  
 NECESSARY  UNNECESSARY IF VENTILATION IDENTIFIED BELOW IS USED

VENTILATION

LOCAL EXHAUST ..... Yes

SPECIAL ..... N/A

MECHANICAL (GENERAL) .....

OTHER.....

PROTECTIVE GLOVES  YES (SPECIFY TYPE) ..... Safety glasses a good practice  
 NO

EYE PROTECTION  YES (SPECIFY TYPE) .....  
 NO

OTHER PROTECTIVE CLOTHING OR EQUIPMENT ..... None

HYGENIC PRACTICES ..... Good manufacturing practices

IS PROTECTIVE CLOTHING  
 NECESSARY  
 UNNECESSARY IF OTHER CONTROL MEASURES ARE USED