



MATERIAL SAFETY DATA SHEET

SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME:

XP_{GREEN}

CHEMICAL NAME YEAST CULTURE

MANUFACTURER

Diamond V Mills
P.O. Box 74570
Cedar Rapids, IA 52407

EMERGENCY TELEPHONE

(319) 366-0745
(800) 373-7234 (outside Iowa)

Date Prepared: 8-May-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, SENSITIZER, CORROSIVE, TOXIC, HIGHLY TOXIC, TARGET ORGAN EFFECT, IRRITANT

OR, CHECK PHYSICAL HAZARD

- COMBUSTIBLE LIQUID, COMPRESSED GAS, ORGANIC PEROXIDE, PYROPHORIC, UNSTABLE (REACTIVE) OR WATER-REACTIVE, EXPLOSIVE, FLAMMABLE, OXIDIZER

Hazardous Components
(Specific Chemical Identity,
Common Name(s))
N/A

OSHA PEL ACGIH TLV Other Limits Recommended % Optional

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 - CO₂
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