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| SECTION 1: IDENTIFICATION | |
| PRODUCT NAME: | PREMIX |
| SDS NUMBER: | PREMIX |
| SYNONYMS/OTHER MEANS OF IDENTIFICATION: | |
| INTENDED USE: | FEED AND OTHER |
| MANUFACTURER: | Nutra Blend, LLC |
| EMERGENCY HEALTH AND SAFETY NUMBER: | |
| SDS INFORMATION: | PHONE: 417-451-6111 E-MAIL: SBHayes@nutrablend.net |

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| SECTION 2: HAZARD(S) IDENTIFICATION |
| CLASSIFICATION: DUST |
| LABEL ELEMENTS: SIGNAL WORD: N/A DUE TO FDA LABELING EXEMPTION |
| HAZARD STATEMENT(S): CLASS 2B EYE IRRITANT. MAY CAUSE BREATHING DIFFICULTIES IF INHALED. MAY CREATE A FLASH FIRE OR EXPLOSION HAZARD IF DUST OF CERTAIN PARTICLE SIZE IS SUSPENDED IN AIR AT SUFFICIENT CONCENTRATION IN A CONFINED SPACE AND EXPOSED TO AN IGNITION SOURCE. |
| PRECAUTIONARY STATEMENT(S): MAY BE MECHANICAL EYE IRRITANT. RINSE EYES WITH WATER FOR SEVERAL MINUTES. AVOID BREATHING DUST. EXCESSIVE INHALATION MAY AFFECT NOSE THROAT, AND LUNGS. DUST FROM PREMIXES MAY BURN IF SUSPENDED IN AIR AND MAY CREATE A FLASH FIRE/EXPLOSION HAZARD. AVOID IGNITION SOURCES. |
| EMERGENCY OVERVIEW: MAY BE MECHANICAL IRRITANT TO EYES. EXCESSIVE INHALATION OF PREMIX DUSTS MAY AFFECT NOSE THROAT, AND LUNGS. MAY FORM COMBUSTIBLE DUST CONCENTRATION IN AIR; SEE "EXPLOSION HAZARD" BELOW. |
| EXPLOSION HAZARD: PREMIX IS GENERALLY CONSIDERED NOT HAZARDOUS, BUT DUST GENERATED THROUGH DOWNSTREAM ACTIVITIES THAT MAY REDUCE ITS PARTICLE SIZE (E.G., SHIPPING, HANDLING, TRANSFER TO BINS, ETC.) MAY CREATE A HAZARDOUS CONDITION. |
| IF EXPOSED TO AN IGNITION SOURCE, PREMIX DUST MAY BURN. AIRBORNE DUST IN SUFFICIENT CONCENTRATIONS WHEN EXPOSED TO AN IGNITION SOURCE MAY FLASH OR, IN A CONFINED SITUATION, MAY FUEL AN EXPLOSION. |

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

| COMPONENT | CASRN | CONCENTRATION |
|---|-------|---------------|
| DUST FROM PREPARED ANIMAL PREMIXES (GRAINS, PLANT PROTEINS, VITAMINS AND/OR MINERALS) | | 100% |

SECTION 4: FIRST-AID MEASURES**INHALATION:**

REMOVE PERSON FROM EXPOSURE. SEEK MEDICAL ATTENTION FOR ANY BREATHING DIFFICULTY.

INGESTION:

IF SWALLOWED, GIVE SEVERAL GLASSES OF WATER TO DILUTE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SKIN CONTACT:

WASH AFFECTED SKIN WITH SOAP AND WATER.

EYE CONTACT:

FLUSH EYES WITH WATER. SEEK MEDICAL ATTENTION AS NEEDED.

SECTION 5: FIRE FIGHTING MEASURES

HAZARDOUS COMBUSTION PRODUCTS: OXIDES OF CARBON

SPECIAL FIRE FIGHTING PROCEDURES: EXTINGUISH WITH WATER FOG, DRY CHEMICAL POWDERS OR FOAM. DO NOT USE STRONG STREAMS OF WATER OR DRY CHEMICAL IF DUST CAN BE DISPERSED INTO THE AIR. DUST PLACED IN SUSPENSION WITH IGNITION SOURCES PRESENT MAY FLASH OR EXPLODE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: EXPLOSION HAZARD MAY EXIST FOR COMBUSTIBLE DUSTS OF CERTAIN PARTICLE SIZE AND MOISTURE CONTENT WHEN SUSPENDED IN AIR AT CERTAIN CONCENTRATIONS AND SUBJECTED TO AN IGNITION SOURCE.

SECTION 6: ACCIDENTAL RELEASE MEASURES

CLEAN UP WITH SOFT BRISTLE BROOM(S) OR A VACUUM APPROVED FOR A CLASS II HAZARDOUS LOCATION. DUST DEPOSITS SHOULD BE MAINTAINED TO A MINIMUM ON SURFACES, AS THESE COULD FORM AN EXPLOSIVE MIXTURE IF THEY ARE RELEASED INTO THE ATMOSPHERE IN SUFFICIENT CONCENTRATION. AVOID DISPERSAL OF DUST IN THE AIR (I.E., CLEANING DUST SURFACES WITH COMPRESSED AIR IN THE PRESENCE OF AN IGNITION SOURCE SHOULD NOT BE ALLOWED). NON-SPARKING TOOLS SHOULD BE USED.

SECTION 7: HANDLING AND STORAGE

AVOID DISPENSING DUST IN AIR AND EXPOSURE TO POTENTIAL IGNITION SOURCES. REMOVE PREMIX DUST FROM AREA/PROCESSING EQUIPMENT PRIOR TO USING ANY HEAT PRODUCING EQUIPMENT SUCH AS ARC WELDERS, CUTTING TORCHES AND SPARK/HEAT PRODUCING TOOLS SUCH AS PORTABLE SURFACE GRINDERS.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: MAY CAUSE IRRITATION OF THE NASAL MEMBRANES OR THE UPPER RESPIRATORY TRACT. WEAR AN APPROVED NIOSH DUST RESPIRATOR WHENEVER DUST CONCENTRATIONS IN THE WORK AREA ARE ABOVE ACGIH TLV/OSHA PELS.

VENTILATION: LOCAL EXHAUST: IF NEEDED

MECHANICAL (GENERAL): IF NEEDED

ENSURE THAT DUST HANDLING SYSTEMS (SUCH AS EXHAUST DUCTS, DUST COLLECTORS, VESSELS, AND PROCESSING EQUIPMENT) ARE DESIGNED IN A MANNER TO PREVENT THE ESCAPE OF DUST INTO THE WORK AREAS. USE ONLY APPROPRIATELY CLASSIFIED ELECTRICAL EQUIPMENT AND POWERED INDUSTRIAL TRUCKS.

PROTECTIVE GLOVES: N/A

EYE PROTECTION: SAFETY GLASSES / GOGGLES SUGGESTED IN DUSTY CONDITIONS

WORK/HYGIENIC PRACTICES: GOOD PERSONAL HYGIENE PRACTICES SHOULD BE FOLLOWED. WASH HANDS AND FACE BEFORE EATING, DRINKING, ETC.

AVOID DUST ACCUMULATION AND CONTROL IGNITION SOURCES. WHERE APPROPRIATE, EMPLOY GROUNDING, VENTING, AND EXPLOSION RELIEF PROVISIONS IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES IN PROCESSES CAPABLE OF GENERATING DUST AND/OR STATIC ELECTRICITY. AVOID ACCUMULATION OF DUST ON SURFACES TO PREVENT SECONDARY DUST EXPLOSIONS. REFER TO APPROPRIATE OSHA, NFPA AND APPLICABLE STANDARDS.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

FLASH POINT (METHOD): N/A

FLAMMABLE LIMITS: LEL: VARIABLE UEL: UNKNOWN

AUTOIGNITION TEMPERATURE: UNKNOWN

APPEARANCE: VARIES IN COLOR AND ODOR PENDING INGREDIENTS UTILIZED

SOLID CONTENTS: 100%

SECTION 10: STABILITY AND REACTIVITY

STABILITY: UNSTABLE: CONDITION TO AVOID: N/A
STABLE: X

INCOMPATIBILITY (MATERIALS TO AVOID): NONE KNOWN

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE KNOWN

HAZARDOUS POLYMERIZATION: MAY OCCUR: CONDITION TO AVOID: N/A
WILL NOT OCCUR: X

SECTION 11: TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY: INHALATION: X SKIN: X EYES: X INGESTION: UNLIKELY
CARCINOGENICITY: NTP: NO ARC MONOGRAPHS: NO OSHA REGULATED: NO

ACUTE: MAY BE MECHANICAL IRRITANT TO SKIN AND EYES. EXCESSIVE INHALATION OF PREMIX DUSTS MAY AFFECT THE NOSE, THROAT, AND LUNGS.

CHRONIC: REPEATED AND PROLONGED INHALATION OF PREMIX DUSTS MAY AFFECT THE RESPIRATORY SYSTEM. SMOKERS HAVE AN INCREASED RISK OF RESPIRATORY EFFECTS.

SIGNS AND SYMPTOMS OF EXPOSURE: IRRITATION TO THE SKIN, EYES, NOSE OR THROAT MAY OCCUR. SOME PEOPLE MAY OCCASIONALLY EXPERIENCE COUGHING.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: ALLERGIES AND RESPIRATORY AILMENTS.

SECTION 12: ECOLOGICAL INFORMATION: (NON-MANDATORY)

SECTION 13: DISPOSAL CONSIDERATIONS: (NON-MANDATORY)

SECTION 14: TRANSPORT INFORMATION: (NON-MANDATORY)

SECTION 15: REGULATORY INFORMATION: (NON-MANDATORY)

SECTION (B)(5)(III) OF THE HCS (CFR 1910.1200) EXEMPTS FOOD, INCLUDING FEED AND THEREFORE ANY ASSOCIATED FEED DUST, FROM THE LABELING REQUIREMENTS OF THE HCS SINCE THE FOOD/FEED IS SUBJECT TO THE LABELING REQUIREMENTS OF THE FOOD & DRUG ADMINISTRATION.

SECTION 16: OTHER INFORMATION

ANIMAL PREMIX MAY BE COMPRISED OF WHOLE AND PROCESSED GRAINS, CARRIERS AND ADDED VITAMINS AND MINERALS. PREMIXES GENERALLY PRODUCE A LIMITED AMOUNT OF DUST DURING MANUFACTURING AND HANDLING.

THIS SDS MAY NOT APPLY TO ALL PREMIX FORMULATIONS. FOR EXAMPLE, PREMIX WITH CERTAIN ADDED MEDICATIONS, VITAMIN AND MINERAL SUPPLEMENTS MAY CONTAIN INGREDIENTS THAT RESULT IN DIFFERENT OR ADDITIONAL HAZARDS, MAY REQUIRE ADDITIONAL ACCIDENTAL RELEASE MEASURES, MAY HAVE DIFFERING TOXICOLOGICAL EXPOSURES AND/OR MAY REQUIRE ADDITIONAL EXPOSURE CONTROLS AND PERSONAL PROTECTION. THE MANUFACTURER IS ENCOURAGED TO EVALUATE EACH PREMIX TO DETERMINE IF THIS SDS IS APPROPRIATE.

THIS SDS IS NOT INTENDED TO SUGGEST THAT A SDS IS REQUIRED FOR ALL PREMIX DUST IN ALL CIRCUMSTANCES. THE MANUFACTURER OR IMPORTER SHOULD MAKE ITS OWN INTERPRETATION OF OSHA'S HCS, INCLUDING THE EXEMPTIONS IN THE STANDARD, FOR ITS SPECIFIC PRODUCT. SOME MANUFACTURERS OR IMPORTERS MAY ALSO PRODUCE A SDS FOR PREMIX DUST EVEN IF SUCH A SDS IS NOT REQUIRED BY OSHA'S HCS. THIS SDS MAY BE USEFUL FOR THOSE MANUFACTURERS OR IMPORTERS.

IN ACCORDANCE WITH OSHA'S HAZARD COMMUNICATION STANDARD (HCS) ALL MATERIALS: 1) WHICH CONSTITUTE 1 % OR MORE OF THIS PRODUCT AND MEET THE STANDARD'S DEFINITION OF HAZARDOUS MATERIALS, 2) THAT CONSTITUTE 0.1% OR MORE AND MEET THE STANDARD'S DEFINITION OF CARCINOGENS, AND OR 3) THAT COULD BE RELEASED FROM THE PRODUCT IN EXCESS OF ESTABLISHED LIMITS SHOULD BE LISTED AND MAY REQUIRE A SPECIFIC SDS.