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Material Safety Data Sheet

Product Name: OENO™
Product Code: 5Y02132
Date Printed: February 11, 2013

I. IDENTIFICATION

PRODUCT NAME (CODE) : OENO™ (5Y02132)
CAS NUMBER : MIXTURE
CHEMICAL NAME : NOT APPLICABLE
SYNONYMS : LACTIC ACID STARTER CULTURE

II. PHYSICAL DATA

ODOR, APPEARANCE AND PHYSICAL STATE : LIGHT TAN TO BROWN COLORED FROZEN LIQUID.
SPECIFIC GRAVITY (WATER=1) : NOT APPLICABLE
SOLUBILITY IN WATER : APPRECIABLE
BOILING POINT : NO DATA AVAILABLE (NDA)
MELTING POINT : NDA
VAPOR PRESSURE (mm HG AT 20°C) : NDA
pH (5% SOLUTION) : NDA

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (CLOSED CUP) : NOT APPLICABLE.
EXTINGUISHING MEDIA : WATER FOG (), FOAM (X), CO2 (X), DRY CHEMICAL (X).
SPECIAL FIRE FIGHTING PROCEDURES : NONE
UNUSUAL FIRE AND EXPLOSION HAZARDS : NONE

IV. REACTIVITY DATA

STABILITY : STABLE.
INCOMPATIBILITY : STRONG OXIDIZING AGENTS.
HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS : CARBON MONOXIDE, CARBON DOIXIDE AND SMOKE ON COMBUSTION.
HAZARDOUS POLYMERIZATION : WILL NOT OCCUR.

V. OCCUPATIONAL EXPOSURE LIMIT

THRESHOLD LIMITED VALUE (TLV) : NDA
OSHA PERMISSIBLE EXPOSURE LIMIT (PEL) : NDA

HAS THIS SUBSTANCE OR ANY COMPONENT OF A MIXTURE BEEN LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN IN THE "ANNUAL REPORT ON CARCINOGENS" PUBLISHED BY NIP, BY THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, OR BY OSHA ? YES () NO (X).

VI. EMERGENCY AND FIRST AID PROCEDURES

INHALATION EXPOSURE : REMOVE TO FRESH AIR. IF SYMPTOMS PERSIST, SEE PHYSICIAN.
EYE CONTACT : REMOVE CONTACT LENSES. FLUSH EYES IN WATER FOR 10 MINUTES. IF IRRITATION PERSISTS, SEE PHYSICIAN.
SKIN CONTACT : REMOVE CONTAMINATED CLOTHING. WASH AFFECTED AREAS WITH PLENTY OF SOAP AND WATER. IF IRRITATION PERSISTS, SEE PHYSICIAN.
INGESTION : NONE USUALLY NEEDED.

VII. SPILL, LEAK AND DISPOSAL PROCEDURES

PRECAUTIONS IF MATERIAL IS SPILLED OR RELEASED : SWEEP UP OR WIPE OFF SPILLED MATERIAL FOR PROPER DISPOSAL. WASH AFFECTED AREA WITH SOAP AND WATER. LIMIT INHALATION. RESIDUAL MATTER WILL SUPPORT GROWTH OF MICROORGANISMS AND SHOULD BE THOROUGHLY REMOVED. PRODUCT HAS NO SIGNIFICANT EFFECT ON BIOLOGICAL EFFLUENT BUT WILL INCREASE BOD.
WASTE DISPOSAL METHOD : SANITATION LANDFILL OR INCINERATION IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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VIII.SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION : USE OF PAPER OR CLOTH MASK IS RECOMMENDED TO LIMIT DUST INHALATION.
VENTILATION : GENERAL.
PROTECTIVE GLOVES : USE OIL RESISTANT GLOVES.
EYE PROTECTION : USE SPLASH PROOF GOGGLES OR SAFETY GLASSES. DO NOT GET INTO EYES.
OTHER PROTECTIVE EQUIPMENT : EYE BATH AND SAFETY SHOWER.

IX.HANDLING AND STORAGE PROCEDURES

SPECIAL PRECAUTIONS : STORE AT A CONSTANT TEMPERATURE OF -20°F (-29°C) TO MAINTAIN BIOLOGICAL ACTIVITY.

X. HEALTH HAZARD INFORMATION

THIS PRODUCT IS A "MIXTURE" FOR WHICH NO HEALTH HAZARD DATA EXISTS. THE HAZARD COMMUNICATION STANDARD REQUIRES THAT SUCH MIXTURES BE ASSUMED TO PRESENT THE SAME HEALTH HAZARDS AS DO COMPONENTS THAT CONSTITUTE AT LEAST 1% OF THE MIXTURE (0.1% FOR CARCINOGENS), ALTHOUGH OSHA HAS NOTED THAT THE HAZARDS OF INDIVIDUAL COMPONENTS MAY BE ALTERED BY INCLUDING THEM IN A MIXTURE.

PRIMARY ROUTE(S) OF ENTRY: (X) DERMAL (X) INHALATION

THE FOLLOWING RAW MATERIAL(S) CONTRIBUTED TO THE ABOVE HAZARDS:

INGREDIENT: AMOUNT:

NO HAZARDOUS MATERIALS AS DEFINED BY OSHA 1910.1200

NUISANCE DUST MAY IRRITATE RESPIRATORY TRACT AND MAY IRRITATE THE EYES AND SKIN. INHALATION OF DUST MAY CAUSE SNEEZING.

REPEATED CONTACT MAY CAUSE ALLERGIC DERMATITIS.

NO SARA-313 MATERIALS PRESENT.

CALIFORNIA PROPOSITION 65:

DOES NOT CONTAIN ANY KNOWN CARCINOGENS OR REPRODUCTIVE TOXINS THAT ARE CURRENTLY IDENTIFIED BY THE STATE OF CALIFORNIA FOR PROPOSITION 65.

MANUFACTURED IN A FACILITY THAT ALSO HANDLES SOY, MILK, EGG, CORN AND WHEAT PRODUCTS.

MATERIAL SAFETY DATA SHEET PREPARED ON:

AUGUST 11, 2005.

THE INFORMATION PROVIDED IN THIS MSDS IS CORRECT TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF AT THE DATE OF ITS PUBLICATION, AND IS IN OUR OPINION CONSISTENT WITH THE STATE OF GENERAL SCIENTIFIC AND TECHNICAL KNOWLEDGE AT THAT DATE, BUT WE CANNOT ACCEPT LIABILITY FOR ANY LOSS, INJURY OR DAMAGE WHICH MAY RESULT FROM ITS USE.

IN COMPILING THE MSDS WE HAVE TAKEN INTO ACCOUNT ALL PROPER APPLICATIONS OF THE MATERIAL OF WHICH WE ARE AWARE AND ANY USER OF THE MATERIAL SHOULD CONSULT US BEFORE APPLYING IT TO ANY NOVEL OR UNUSUAL USE. WE MUST POINT OUT THAT IT IS THE RESPONSIBILITY OF ANY INTERMEDIATE SUPPLIER TO ENSURE THAT THE INFORMATION CONTAINED IN THIS MSDS IS PASSED TO THE ULTIMATE USER.

IF ANY SUCH ULTIMATE USER WISHES TO MAKE ARRANGEMENTS FOR REVISIONS TO BE SENT DIRECTLY TO HIM/HER, WE SHALL, IF SO NOTIFIED, BE GLAD TO MAKE THE NECESSARY ENTRY IN OUR RECORDS.

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