

SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Madagascar Bourbon Pure Vanilla Powder (all brands)
SYNONYMS: Vanilla
PRODUCT CODES:

MANUFACTURER: Nielsen Massey Vanillas
DIVISION:
ADDRESS: 1550 Shield Drive, Waukegan, Illinois 60085

EMERGENCY PHONE: 800-525-7873
CHEMTREC PHONE: 800-424-9300
OTHER CALLS: 847-578-1550
FAX PHONE: 847-578-1570

PRODUCT USE: Flavor in foods and flavor enhancer

SECTION 1 NOTE: GRAS Material under 21 CFR 165.3 and 171.2

SECTION 2: HAZARDS IDENTIFICATION

Signal Word: None

HAZARD STATEMENTS

H315 & H320 Causes skin and eye irritation
H 335 May cause respiratory irritation

PRECAUTIONARY STATEMENTS

P501 Dispose of contents and container at approved site
P337 & P313 If eye irritation persists; get medical attention
P305 & P351 & P338 IF IN EYES: Rinse cautiously with water for several minutes
Remove contact lens, continue rinsing seek medical attention
P303 & P361 & P353 IF ON SKIN: remove contaminated clothing, rinse skin with water
P233 Keep container closed
P264 Wash hands thoroughly after handling.

GHS Classification

Specific target organ toxicity- single exposure –Inhalation- May cause respiratory irritation-Lungs

SECTION 2 NOTES: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS: Maltodextrin and Vanilla Bean Extractives

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
None			No

SECTION 2 NOTES: No known significant effects or critical hazards. Avoid prolonged contact with eyes, skin and clothing.

SAFETY DATA SHEET

SECTION 4: FIRST AID MEASURES

EYES: Rinse opened eye for several minutes under running water. If symptoms persists, consult doctor

SKIN: Wash with soap and water. If skin irritation continues, consult doctor.

INGESTION: Rinse out mouth and then drink plenty of water; in case of persistent symptoms consult doctor

INHALATION: Supply fresh air; consult doctor in case of symptoms

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Remove any contaminated clothing

SECTION 4 NOTES: None

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N/A
(% BY VOLUME) **LOWER:** N/A

FLASH POINT: N/A

F:

C:

METHOD USED: Closed cup

AUTOIGNITION TEMPERATURE: N/A

F:

C:

NFPA HAZARD CLASSIFICATION

HEALTH: 0 **FLAMMABILITY:** 0 **REACTIVITY:** 0
OTHER: None

HMIS HAZARD CLASSIFICATION

HEALTH: 0 **FLAMMABILITY:** 0 **REACTIVITY:** 0
PROTECTION: No special requirements

EXTINGUISHING MEDIA: Use fire fighting measures that suit the environment

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: Can form explosive dust-air mixture

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide and Carbon Monoxide formed

SECTION 5 NOTES: Cool endangered containers with water spray jet. Dispose of fire debris and contaminated fire fighting water in accordance with local regulations. If without risk, move drums with material away from dangerous area.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Prevent material from reaching sewage system, holes and cellars. Do not allow entry into drainage systems or surface ground water. Ensure adequate ventilation. Sweep spilled material into containers and dispose of according to local regulations.

SECTION 6 NOTES: Avoid contact with spill; personnel must be trained to treat spills.

SECTION 7: HANDLING AND STORAGE

SAFETY DATA SHEET

HANDLING AND STORAGE: Ensure good ventilation. Avoid product contact

OTHER PRECAUTIONS: Make sure that all applicable work place limits are observed.

SECTION 7 NOTES: Protect from heat and direct sunlight.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Personnel trained to use and handle items only allowed to measure and pour.

VENTILATION : Provide air flow to prevent dust build up.

RESPIRATORY PROTECTION: If all work place limits are observed and good ventilation is provided, no special precautions.

EYE PROTECTION: Tightly sealed safety glasses

SKIN PROTECTION: Protective gloves to prevent skin contact

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: No special precautions required.

WORK HYGIENIC PRACTICES: Protective clothing should be selected specially for the work place.

EXPOSURE GUIDELINES: Long term: None

SECTION 8 NOTES: None

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: tan powder

ODOR: characteristic slight vanilla aroma

PHYSICAL STATE: solid

pH AS SUPPLIED: N/A

pH (Other):

BOILING POINT:

F: N/A

C: N/A

MELTING POINT: N/A

F:

C:

FREEZING POINT: N/A

F:

C:

VAPOR PRESSURE (mmHg): N/A

@

F:

C:

VAPOR DENSITY (AIR = 1): N/A

@

F:

C: 20

SPECIFIC GRAVITY (H₂O = 1): N/A

@

F:

C: 20

EVAPORATION RATE: N/A

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SAFETY DATA SHEET

SOLUBILITY IN WATER: Complete, fully miscible

PERCENT SOLIDS BY WEIGHT: 100%

PERCENT VOLATILE: None

VOLATILE ORGANIC COMPOUNDS (VOC): None

VISCOSITY: N/A

SECTION 9 NOTES: Product is not self igniting. Product is not explosive; however, formation of explosive air/dust mixtures is possible.

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

Yes

STABILITY:

CONDITIONS TO AVOID (STABILITY): Avoid heat, sparks and electrostatic charges.

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon Monoxide and Carbon Dioxide

HAZARDOUS POLYMERIZATION: N/A

CONDITIONS TO AVOID (POLYMERIZATION): N/A

SECTION 10 NOTES: Used empty containers may contain product that could form explosive mixtures.

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Long lasting and/or repeated skin contact may cause irritation. Eye contact can cause irritation.

SECTION 11 NOTES: No sensitizing effect known

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Water hazard class 1 (self assessment): slightly hazardous for water

SECTION 12 NOTES: None

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Disposal must be made according to local regulations.

SECTION 13 NOTES: Disposal is recommended by licensed waste disposal firm.

SECTION 14: TRANSPORT INFORMATION

SAFETY DATA SHEET

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Flavoring
HAZARD CLASS: None
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENT: None

WATER TRANSPORTATION

PROPER SHIPPING NAME: Flavoring
HAZARD CLASS: None
ID NUMBER: N/A
PACKING GROUP: N/A
LABEL STATEMENTS: None

AIR TRANSPORTATION

PROPER SHIPPING NAME: Flavoring
HAZARD CLASS: None
ID NUMBER: None
PACKING GROUP: N/A
LABEL STATEMENTS: None

SECTION 14 NOTES: Non-hazardous material

SECTION 15: REGULATORY INFORMATION

GRAS under FDA guidelines.

INTERNATIONAL REGULATIONS:

Designation according to EC guidelines: Product classified and labeled in accordance with EC Directives and relevant national law.

Not subject to: EC 2037/2000 – Ozone depletion
EC 850/2004 – Organic Pollutant
EC 689/2008 - Import and Export of dangerous chemicals

SECTION 15 NOTES:

Information about limitations of use: Employment restrictions concerning young person's must be observed.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: None

PREPARATION INFORMATION: 30 January 2015

Nielsen Massey Vanillas, Inc.
1550 Shields Drive
Waukegan, Illinois USA 60085-8307

Telephone: 847-578-1550
Fax: 847-578-1570
E-mail: info@nielsenmassey.com

DISCLAIMER: These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual relationship.