

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

1.1 Product Identifier

PRODUCT NAME: MADAGASCAR BOURBON PURE VANILLA EXTRACT, 2 FOLD
PRODUCT SKU: AANL
PRODUCT CODE: VP200

CAS NUMBER: 8024-06-4
EC NUMBER: 283-521-8

SUPPLIER: OliveNation LLC
ADDRESS: 13 Robbie Road #A4, Avon, MA 02322
PHONE: 617-580-3667

1.2 Relevant identified uses of the substance and unadvised uses

Recommended Use Food and beverage flavoring
Unadvised Uses Direct consumption as beverage; Cosmetic

1.3 Details of the supplier of the safety data sheet

For further information, please contact customer support
Email: support@olivenation.com

1.4 Emergency Telephone Number

Emergency Telephone: Chemtrec 1-800-424-9300 for US/ 703-527-3887 Outside US

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture



GHS02 Flame

Flammable Liquid: 3 H226 Flammable liquid and vapor.



GHS07

Skin Irritation: 2 H315 Causes skin irritation.
STOT SE: 3 H335 May cause respiratory irritation.
Eye Irritation: 2B H320 Causes eye irritation.

2.2 Label Elements

GHS Label Elements

The product is classified and labeled according to the Globally Harmonized System (GHS)

Hazard Pictograms



GHS02

GHS07

Signal Word

Warning

Hazard-determining Components of Labelling

Ethyl Alcohol, also known as Ethanol

Hazard Statements

H226- Flammable liquid and vapor

H315 + H320- Causes skin and eye irritation

H335- May cause respiratory irritation

H402-Harmful to aquatic life

Precautionary Statements

P210- Keep away from heat/sparks/open flames/ hot surfaces. No smoking.

P233- Keep container tightly closed.

P235- Keep cool.

P241- Use explosion-proof electrical/ventilating/lighting/equipment.

P240- Ground/bond receiving container and receiving equipment.

P242-Use only non-sparking tools.

P243- Take precautionary measures against static discharge.

P260 + P261- Avoid breathing dust/fume/gas/mist/vapors/spray.

P264- Wash thoroughly after handling.

P271- Use only outdoors or in well-ventilated area.

P281- Wear protective gloves/eye protection/face protection.

Specific treatment

P302 + 361 + P353- If ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304 + P340- IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338- If IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P311 + P309- Call a POISON CENTER/doctor if you feel unwell.

P332 + P313- If skin irritation occurs: Get medical advice/attention.

P337 + P313- If eye irritation persists: Get medical advice/attention.

P362- Take off contaminated clothing and wash it before reuse.

P370 + P378 – In case of fire: Use for extinction: CO₂, powder or water spray or dry sand, dry chemical or alcohol-resistant foam for extinction.

P404 + P233- Store in a well-ventilated place. Keep container tightly closed.

P404 + P235- Store in a well-ventilated place. Keep cool.

P405- Store locked up.

P501- Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards

None

Results of PBT and vPvB Assessment

PBT: Not Applicable

vPvB: Not Applicable

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

3.1 Chemical Characterization: Mixtures

Description

CAS Number Vanilla Extract: 8024-06-4

EC Number Vanilla Extract: 283-521-8

Mixture of the substances listed below with non-hazardous additions.

Dangerous Component(s)

| CAS Number | EC Number | Name | Concentration |
|------------|-----------|---|---------------|
| 64-17-5 | 200-578-6 | Ethyl Alcohol Ethanol; Flammable Liquid 2, H225; Skin Irritation 2, H315; STOT SE 3, H335; Eye Irritation 2B, H320 | 47-53% |

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

After Eye contact

Rinse open eye thoroughly with plenty of water for at least 15 minutes and consult a physician.

After Skin Contact

Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.

After Ingestion

Clean mouth with water and afterwards drink plenty of water.

After Inhalation

Move to fresh air. In case of unconsciousness, place patient stably in side position for transportation.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms of Ethyl Alcohol Overdose

Abdominal pain.

Confusion, slurred speech.

Internal (stomach and intestinal) bleeding.

Slowed breathing.

Stupor (decreased level of alertness), even coma.

Unsteady walking.
Vomiting, sometimes bloody.
Chronic alcohol overuse can lead to additional symptoms and multiple organ failure.

4.3 Indication of any immediate medical attention and special treatment needed

Seek immediate medical attention if any of the above symptoms are present.

Note to physicians
Treat symptomatically

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable Extinguishing Media
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

No special measures required.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2 Environmental precautions

Dilute with plenty of water.
Do not allow to enter sewers, surface or ground water.

6.3 Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)

6.4 Reference to other sections

See Section 7 for information on safe handling.
See section 8 for information on personal protection equipment.
See section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Precautions for Safe Handling
Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.

Information About Protection Against Explosions and Fire

Keep ignition sources away. Do not smoke.
Protect from heat.
Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be Met by Storerooms and Receptacles

Store in tightly sealed containers in a cool, dry place that is well ventilated. Away from heat, spark, and open flame.

Information About Storage in One Common Storage Facility

Not required.

Further Information About Storage Conditions

Keep receptacle tightly sealed.
Protect from heat and direct sunlight.

Specific End Uses

As a flavoring agent. Not to be used as a cosmetic.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with Limit Values that Require Monitoring at the Workplace:

| Ethyl Alcohol 64-17-5 | | | |
|------------------------------|-------------------|------------------------|----------|
| PEL | Long-term value: | 1900 mg/m ³ | 1000 ppm |
| REL | Long-term value: | 1900 mg/m ³ | 1000 ppm |
| TLV | Short-term value: | 1880 mg/m ³ | 1000 ppm |

8.2 Exposure controls

Engineering Controls

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye Protection

Tightly fitting safety goggles.

Hand Protection

Protective gloves with material impermeable and resistant to the product.

Skin and Body Protection

Long sleeved shirt, long pants, and closed toed shoes.

Respiratory Protection

When workers are facing concentrations above the exposure limit, they must use appropriate certified respirators.

General Hygiene Considerations

Keep away from foodstuffs, beverages, and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with eyes and skin.

Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls No information available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state Liquid
Odor Vanilla

Property

| | |
|--|--------------------------|
| pH | No Information available |
| Melting/freezing point | No Information available |
| Boiling point/boiling range | No information available |
| Flash point(closed cup) | 24°C |
| Evaporation rate | No information available |
| Flammability(solid/gas) | No information available |
| Flammability limits in air | |
| Upper flammability limit | No information available |
| Lower flammability limit | No information available |
| Vapor pressure mm Hg 20°C | No information available |
| Vapor density | No information available |
| Relative density | No information available |
| Specific gravity @ 25°C | No information available |
| Specific gravity @20°C | No information available |
| Refractive index | No information available |
| Water solubility | No information available |
| Partition coefficient: n-octanol/water | No information available |
| Autoignition temperature | No information available |
| Decomposition temperature | No information available |
| Viscosity, dynamic | No information available |
| | |
| Explosive properties | No information available |
| Oxidizing properties | No information available |

9.2 Other information

| | |
|------------------|--------------------------|
| VOC Content(%) | 50% |
| Molecular weight | No information available |

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

The product is non-reactive.

10.2 Chemical Stability

The product is stable under normal pressures and temperatures.

10.3 Possibility of Hazardous Reactions

No known hazardous reactions.

10.4 Conditions to Avoid

Heat, flames, and sparks

10.5 Incompatible Material

No materials to be especially mentioned

10.5 Hazardous Decomposition Products

None under normal use conditions

SECTION 11: TOXICOLOGY INFORMATION

11.1 Information of toxicological effects

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 1, 2005)

| | |
|----------------|---|
| Acute toxicity | There is no data available for this product |
| Inhalation | There is no data available for this product |
| Eye contact | Irritating effect |
| Skin contact | Irritant to skin and mucous membranes |
| Ingestion | Symptoms include: Abdominal pain. Confusion, slurred speech. Internal (stomach and intestinal) bleeding. Slowed breathing. Stupor (decreased level of alertness), even coma. Unsteady walking. Vomiting, sometimes bloody. Chronic alcohol overuse can lead to multiple organ failure. |
| Acute toxicity | 100%of the mixture consists of ingredient(s) of unknown toxicity |

11.2 Inhalation

| | |
|--|--|
| Skin corrosion/irritation | No information available |
| Eye damage/irritation | No information available |
| Sensitization | No information available |
| Germ Cell Mutagenicity | No information available |
| Carcinogenicity | No information available |
| Specific target organ systemic toxicity(single exposure) | No information available |
| Specific target organ systemic toxicity(repeated exposure) | No information available |
| Target Organ Effects Respiratory system, | Blood, Central nervous system, Eyes, Liver, Reproductive system, Skin |
| Aspiration hazard | No information available |

11.3 Carcinogen Reports

IARC (International Agency for Research on Cancer): 64-17-5 Ethyl Alcohol
NTP (National Toxicology Program): No ingredients listed.
OSHA-Ca (Occupational Safety and health Administration): No ingredients listed.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

Contains no substances known to be hazardous to the environment or not degradable in waste water treatment plants

12.2 Persistence and Degradability

No information available

12.3 Bioaccumulative Potential

No information available

12.4 Mobility in Soil

No information available

12.5 Results of PBT and vPvB

No information available

12.6 Other Adverse Effects

No information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods:

Waste from residues/ unused products: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Contaminated Packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal

Recommended Cleansing Agent: Water, if necessary with cleansing agents.

SECTION 14: TRANSPORT INFORMATION

DOT

| | |
|----------------------|----------------------------|
| Proper shipping Name | EXTRACT, FLAVORING, LIQUID |
| Class | 3 |
| UN/ID No | 1197 |
| Packing Group | III |

ICAO/IATA

| | |
|----------------------|----------------------------|
| UN/ID No | 1197 |
| Proper Shipping Name | EXTRACT, FLAVORING, LIQUID |
| Class | 3 |
| Packing Group | III |
| ERG Code | 127 |

SECTION 15: OTHER REGULATORY INFORMATION

Federal and State Regulations:

Special Remarks on the Products with ingredients which are included in **California Prop 65**: The Requirement for Warning Labels only applies to products that are considered a beverage. All non-beverage products, which include Extracts for Flavoring Purposes DO NOT NEED WARNING LABELS. California Prop 65: This product contains the following ingredients for which the State of California has found to cause cancer, birth defects or other reproductive harm, which would require a warning statute: Ethyl Alcohol 190 Proof California prop 65: This product contains the following ingredients for which the State of California has found to cause birth defects which would require a warning under the statute: Ethyl Alcohol 190 Proof Rhode Island RTK hazardous substances: Ethyl Alcohol 190 Proof Pennsylvania RTK: Ethyl Alcohol 190 Proof Florida: Ethyl Alcohol 190 Proof Massachusetts RTK Ethyl Alcohol 190 Proof New jersey: Ethyl Alcohol 190 Proof TSCA 8(b) inventory: Ethyl Alcohol 200 proof.

Other regulations: OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200).

WHMIS (Canada): Class B-2: Flammable liquid with a flash point lower than 37.8 deg C (100 deg F)

DSCL (EEC):

R11Highly Flammable. S2-Keep out of reach of children

HMIS (USA):

Health Hazard: 2

Fire Hazard: 3

Reactivity: 0

Personal Protection: H

National Fire Protections Association (USA):

Health: 0

Flammability: 3

Reactivity: 0

Specific Hazard: None

Protective Equipment:

Gloves. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Wear appropriate respirator when ventilation is inadequate. Splash goggles.

SECTION 16: OTHER INFORMATION

References: Not available

Warning/Disclaimer: The ingredient(s) has not been tested, nor has it been deemed safe, for inhalation or use in electronic smoking devices, electronic nicotine delivery systems, electronic cigarettes or other similar devices (collectively "E-cigarettes").

In supplying this ingredient, OliveNation LLC instructs and by receiving this ingredient recipient confirms, that this ingredient will not be used in connection with the manufacture and distribution of E-cigarettes or any component thereof.

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