

Product category	Commercial references	
Oenological oak wood pages 2-6	Chips G, C, L - Cubes E - Staves S07, S18 - Inserts Z22_04, Z22_08	View
Oenological tannins, powder pages 7-11	Primary Colors 10 to 25 - La Recette - ANTI-OX - #810 - VBX	View
Liquid oenological tannins pages 12-16	Primary Colors in solution - La Recette - ANTI-OX - #810 - VBX - #410	View
EBX BARREL PROTECT pages 17-21	Empty barrels and wooden containers - sachet for 500 mL, 1 L, 5 L	View

OENOLOGICAL OAK WOOD

Chips, staves, cubes and inserts, 2 mm and above

Safety Data Sheet

prepared in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication Standard), Appendix D

Date of preparation : 07/30/2026

Version : 1.0

Status : First issue

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

- Product identifier : Oenological oak wood, formats 2 mm and above (chips, staves, cubes, inserts)
- Other means of identification : Internal product codes listed in the table below. No CAS number and no TSCA Inventory number are assigned to unmodified oak wood.

Commercial references covered by this safety data sheet

These references share the same qualitative composition, the same hazard evaluation and the same risk management measures. Any new reference must undergo a composition check before being attached to this safety data sheet.

Trade name	Description	Product code
Small chips, "Primary Colors" and "La Recette" ranges	French and American oak chips, 36 months air matured	G10 to G25 - G_Am to G_VR
Medium and large chips, ELEGANCE range	Toasted French oak chips	C10 to C35 - L10 to L35
Staves 7 mm and 18 mm	French oak staves	S07/xx - S18/xx
Barrel inserts	Inserts of 4 or 8 sticks of 22 mm	Z22_04/xx - Z22_08/xx
Cubes 22 mm	French oak cubes	E10 to E35

1.2. Recommended use and restrictions on use

- Recommended use : Oenological raw material. Treatment of musts, wines and spirits by contact with wood, in accordance with 27 CFR 24.185. Industrial and professional use.
- Restrictions on use : Any use other than the recommended use. Not intended for consumer use. Not intended to be sawed, cut, sanded or machined.

1.3. Supplier of the safety data sheet

US AMEED LLC
1065 Ross Circle
Napa, CA 94558
United States of America
T +1 (707) 266-4824
E-mail : usamedee@gmail.com

1.4. Emergency phone number

Poison Help, national poison control centers (United States), 24 hours a day, 7 days a week: 1-800-222-1222

Emergency services: 911

US AMEED LLC does not operate a dedicated 24-hour emergency line. For product information, contact the supplier by telephone during business hours or by e-mail at usamedee@gmail.com (section 1.3).

SECTION 2: Hazards identification

2.1. Hazard classification

Not classified under 29 CFR 1910.1200. Wood and wood products are outside the scope of the Hazard Communication Standard under 1910.1200(b)(6)(iv), except wood treated with a hazardous chemical and wood which may be subsequently sawed or cut generating dust. This product is untreated and is used by immersion in must, wine or spirits; it is not sawed or cut by the user. The hazard evaluation supporting this conclusion is documented and available in accordance with 1910.1200(d)(2).

2.2. Label elements

No signal word, hazard statement, pictogram or precautionary statement is required. See section 15 for California Proposition 65.

2.3. Hazards not otherwise classified (HNOC)

- Wood dust generated in use : Handling, transfer, weighing and any mechanical operation may generate wood dust. Airborne wood dust is a recognized respiratory and eye irritant and is listed as a human carcinogen by NTP and IARC. See sections 8 and 11.
- Combustible dust : Wood dust suspended in air in a confined space can form an explosible atmosphere. The product as supplied consists of pieces of 2 mm and above and is not a powder.
- Other hazards : Marked staining of porous surfaces and textiles.

2.4. Ingredients of unknown acute toxicity

None. The product is a single naturally occurring material.

SECTION 3: Composition/information on ingredients

3.1. Substances

- Chemical name : Oak wood (*Quercus petraea* Liebl., *Quercus robur* L., *Quercus alba* L.)
- Common name and synonyms : Oenological oak, oak chips, oak staves, oak inserts
- CAS number : None assigned. Unmodified plant material.
- Concentration : 100 %
- Impurities and stabilizing additives : None. No chemical treatment, no additive, no preservative. Natural seasoning for 36 months in the open air, then controlled toasting.

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Controlled contaminants : 2,4,6-trichloroanisole (TCA) below 0.1 ng/g; 2,4,6-tribromoanisole (TBA) below 0.1 ng/g

3.2. Mixtures

Not applicable. The product consists exclusively of oak wood.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical advice if respiratory irritation persists.
Skin contact	: Wash with plenty of water. Remove contaminated clothing.
Eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Get medical advice if irritation persists.
Ingestion	: Rinse mouth. Do not induce vomiting. Call a poison control center or a physician if you feel unwell.

4.2. Most important symptoms and effects, acute and delayed

No specific symptoms known. Prolonged exposure to airborne dust may cause mechanical irritation of the eyes, skin and upper respiratory tract.

4.3. Indication of immediate medical attention and special treatment needed

Treat symptomatically. No specific antidote.

SECTION 5: Firefighting measures

5.1. Suitable and unsuitable extinguishing media

Suitable	: Water spray. Foam. Dry chemical. Carbon dioxide.
Unsuitable	: Direct water jet, which raises dust into suspension.

5.2. Specific hazards arising from the chemical

Combustion produces carbon monoxide, carbon dioxide and irritating smoke. In a confined space, a large suspension of wood dust can form an explosible atmosphere.

5.3. Special protective equipment and precautions for firefighters

Do not enter without appropriate protective equipment. Self-contained breathing apparatus. Full protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the spill area. Avoid generating and dispersing dust. Eliminate all ignition sources. Wear protective gloves and eye protection. For further information see section 8.

6.2. Methods and materials for containment and cleaning up

Collect mechanically without generating dust, or vacuum with equipment suitable for combustible dust. Do not dry sweep. Rinse the soiled surface with water. Avoid release to sewers and to the natural environment: the product is not toxic to aquatic organisms but is strongly colouring.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure good ventilation of the workstation, with local exhaust at the point of emission during weighing and transfer where practicable. Limit the drop height of the product to reduce dust generation. Wear personal protective equipment. Keep away from ignition sources. Do not eat, drink or smoke when using this product. Wash hands after handling.

7.2. Conditions for safe storage, including any incompatibilities

Keep in the original tightly closed packaging, in a dry, cool and well ventilated place, between 5 and 25 degrees C (41 to 77 degrees F), away from moisture, direct light and any source of contamination. Shelf life 24 months. Incompatible materials: strong oxidizers, moisture, iron and unprotected ferrous metals, which form coloured complexes.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits apply to the wood dust generated during handling, not to the product as supplied.

Source	Value	Fraction
OSHA PEL, particulates not otherwise regulated (29 CFR 1910.1000 Table Z-1)	15 mg/m ³ TWA 5 mg/m ³ TWA	Total dust Respirable
Cal/OSHA PEL, wood dust, all soft and hard woods except western red cedar (8 CCR 5155)	2 mg/m ³ TWA 5 mg/m ³ STEL	Wood dust
ACGIH TLV-TWA, wood dust, species other than western red cedar	1 mg/m ³	Inhalable
NIOSH REL, wood dust	1 mg/m ³ TWA (Ca)	Total dust

The establishment is located in California, a State Plan jurisdiction. The legally enforceable limit at the workplace is the Cal/OSHA value of 2 mg/m³ TWA, which is substantially lower than the federal PNOR limit. The specific federal wood dust PEL adopted in 1989 (5 mg/m³ TWA, 10 mg/m³ STEL) was vacated by AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir. 1992) and is no longer in effect; OSHA may nevertheless cite the General Duty Clause, section 5(a)(1) of the OSH Act, where exposures exceed it. No biological limit value has been established.

8.2. Appropriate engineering controls

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General ventilation of the workstation and local exhaust at dust emission points. Electrical equipment suitable for dusty areas. Eyewash station and water supply nearby. Exposure assessment strategy in accordance with ANSI/ASSP Z9.5 and NIOSH sampling methods.

8.3. Individual protection measures

Hand protection	: Protective gloves.
Eye protection	: Safety glasses with side shields (ANSI/ISEA Z87.1).
Skin and body protection	: Suitable work clothing.
Respiratory protection	: NIOSH-approved N95 or better particulate respirator during weighing, transfer and any dust-generating operation, within a respiratory protection program meeting 29 CFR 1910.134.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid, pieces of wood
Color	: Beige to dark brown depending on toasting
Odor	: Woody, characteristic
Odor threshold	: No data available
Melting point / freezing point	: Not applicable
Boiling point	: Not applicable
Flammability	: Combustible solid. Not classified as a flammable solid.
Lower and upper explosion limits	: Not relevant for formats of 2 mm and above. For wood dust, reference minimum explosible concentration 30 to 60 g/m ³ .
Flash point	: Not applicable
Auto-ignition temperature	: Solid wood ignites at about 275 degrees C (527 degrees F) in the presence of a flame. Wood dust: about 400 degrees C (752 degrees F) as a cloud, about 300 degrees C (572 degrees F) as a 5 mm layer. Not determined on the product.
Decomposition temperature	: Progressive pyrolysis from about 200 degrees C (392 degrees F), charring near 300 degrees C (572 degrees F)
pH	: Not applicable
Kinematic viscosity	: Not applicable
Solubility	: Insoluble in water; partial extraction of wood compounds
Partition coefficient n-octanol/water	: Not relevant
Vapor pressure	: Not applicable
Evaporation rate	: Not applicable
Density and relative density	: Solid oak wood 700 to 900 kg/m ³ (44 to 56 lb/ft ³). Bulk density depends on geometry and settling; not determined.
Relative vapor density	: Not relevant
Particle characteristics	: 2 mm and above, 95 percent by weight retained on a 2 mm sieve, up to 2 cm depending on geometry. Not a nanomaterial.

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reaction known under normal conditions of use.

10.4. Conditions to avoid

Moisture. Excessive heat. Direct light. Suspension of dust near an ignition source.

10.5. Incompatible materials

Strong oxidizers. Moisture. Iron and unprotected ferrous metals.

10.6. Hazardous decomposition products

None under normal conditions of storage and use. Combustion produces carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure	: Inhalation of dust, skin contact, eye contact. Ingestion is not a foreseeable route under conditions of use.
Acute toxicity, oral	: Not classified
Acute toxicity, dermal	: Not classified
Acute toxicity, inhalation	: Not classified
Skin corrosion or irritation	: Not classified
Serious eye damage or eye irritation	: Not classified
Respiratory or skin sensitization	: Not classified

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Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity, single exposure	: Not classified
Specific target organ toxicity, repeated exposure	: Not classified
Aspiration hazard	: Not classified
Numerical measures of toxicity	: No acute toxicity estimate (ATE) established. No test has been performed on the product.
Interactive effects	: None known.

Carcinogenicity, listing status required by Appendix D, section 11(f). NTP: wood dust is listed in the National Toxicology Program Report on Carcinogens, 15th Edition, as "Known to be a human carcinogen", first listed in the Tenth Report on Carcinogens (2002). IARC: wood dust is classified in Group 1, carcinogenic to humans, IARC Monographs Volumes 62 and 100C. OSHA: wood dust is not regulated as a carcinogen under 29 CFR Part 1910, Subpart Z. NIOSH: potential occupational carcinogen (Ca). The epidemiological evidence relates to sinonasal adenocarcinoma following chronic inhalation of wood dust in woodworking occupations.

The product as supplied is not classified. Oenological oak wood is authorized for the making and maturing of wine; it is not ingested, only the compounds extracted by the wine are consumed, at very low doses.

SECTION 12: Ecological information

12.1. Ecotoxicity

Natural untreated plant material. Not considered toxic to aquatic organisms and not expected to cause long-term adverse effects in the environment. No quantitative data available: no test has been performed, the product being neither classified as hazardous nor subject to registration.

12.2. Persistence and degradability

Untreated wood, biodegradable.

12.3. Bioaccumulative potential

Not expected given the nature of the product.

12.4. Mobility in soil

No experimental data available. Given its biodegradability, no mobility of concern is expected.

12.5. Other adverse effects

Coloring of waste water. Avoid direct discharge.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product	: Untreated wood: material or energy recovery is possible at an authorized facility. Otherwise dispose of in accordance with federal, state and local regulations through an approved collector.
Contaminated packaging	: Empty completely, then dispose of through the appropriate recycling stream (paper, cardboard or polyethylene depending on the packaging).
RCRA status	: This product is not a listed or characteristic hazardous waste under 40 CFR Part 261. Dispose of in accordance with federal, state and local regulations.

SECTION 14: Transport information

This product is not regulated as a hazardous material by the U.S. Department of Transportation (49 CFR), nor under the IMDG Code or the IATA Dangerous Goods Regulations.

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not a marine pollutant.

14.6. Transport in bulk according to IMO instruments

Not applicable

14.7. Special precautions for user

No special precautions beyond the general rules for the carriage of food materials.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product

TSCA. The components of this product are excluded from the definition of "chemical substance" under TSCA section 3(2)(B)(vi) (15 U.S.C. 2602(2)(B)(vi); 40 CFR 710.3) as a food or food additive when manufactured, processed or distributed in commerce for use as such. Naturally occurring components processed by mechanical means or by dissolution in water are in any case included on the TSCA Inventory under the category "Naturally Occurring Chemical Substances" (40 CFR 710.4(b)).

CERCLA. This product contains no substance listed at 40 CFR 302.4. No reportable quantity (RQ) applies.

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EPCRA / SARA. Section 302: contains no extremely hazardous substance listed in 40 CFR Part 355, Appendix A. Sections 311 and 312: not applicable, the product is not a hazardous chemical requiring a safety data sheet under OSHA and is in any case excluded as a food or food additive under 40 CFR 370.13(a). Section 313: contains no chemical listed at 40 CFR 372.65.

Clean Air Act. Contains no hazardous air pollutant listed under CAA section 112(b). Not subject to section 112(r).

TTB. Natural wine may be treated with any wood consistent with the food additive requirements of the Federal Food, Drug, and Cosmetic Act, in the form of barrels, staves, chips or particles, and the wood may be toasted or charred but must not be otherwise treated (27 CFR 24.185(a), as amended by T.D. TTB-185, 87 FR 51897, August 24, 2022). The former reference to oak chips at 27 CFR 24.246 no longer applies. For distilled spirits, an infusion of oak chips is a coloring, flavoring or blending material only when approved by the Administrator (27 CFR 5.155(a)(1)), and additional restrictions apply to neutral spirits and straight whisky.

California Proposition 65. WARNING: this product can expose you to wood dust, which is known to the State of California to cause cancer. Wood dust was listed on December 18, 2009 (cancer). No No Significant Risk Level (NSRL) has been established. For more information go to www.P65Warnings.ca.gov. For occupational exposures, a warning that fully complies with the Hazard Communication Standard (29 CFR 1910.1200) or with the California Hazard Communication Standard (8 CCR 5194) satisfies the requirements of 27 CCR 25606.

State right-to-know. Wood dust appears on the right-to-know lists of New Jersey, Pennsylvania, Massachusetts, Rhode Island and Minnesota.

FDA. Intended for use in the production of a food for human consumption. The user is responsible for compliance with the Federal Food, Drug, and Cosmetic Act for the finished beverage.

15.2. Chemical safety assessment

No chemical safety assessment is required under United States law. None has been performed.

SECTION 16: Other information

Date of preparation and revision

Date of preparation of this safety data sheet: 07/30/2026. Version 1.0. This is the first issue of a safety data sheet in the format of 29 CFR 1910.1200 Appendix D for the United States market.

Hazard evaluation and classification method

The product is not classified. The evaluation relies on the exclusion of untreated wood products from the scope of the standard under 1910.1200(b)(6)(iv), on the absence of any hazard class met by the product as supplied, and on the fact that the product is used by immersion and is not sawed or cut by the user. Appendix A, section A.6.4.1, permits but does not require a manufacturer to treat the NTP Report on Carcinogens and the IARC Monographs as establishing carcinogenicity; that faculty has not been exercised for the product as supplied, since the listed agent is wood dust and not wood in pieces. The hazard of dust generated in use is communicated as a hazard not otherwise classified in section 2.3 and detailed in sections 8 and 11. No test has been performed on the product. This evaluation is documented in accordance with 1910.1200(d)(2).

Training advice

Instruct personnel on the content of this safety data sheet before first handling. Where the operation generates airborne dust, train operators in dust control: local exhaust ventilation at the point of emission, no dry sweeping, limitation of drop height, and use of a NIOSH-approved particulate respirator. Inform them of the NTP and IARC listing status of wood dust.

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists. ATE: acute toxicity estimate. Cal/OSHA: California Division of Occupational Safety and Health. CAS: Chemical Abstracts Service. CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act. DOT: Department of Transportation. EPCRA: Emergency Planning and Community Right-to-Know Act. GHS: Globally Harmonized System. HNOC: hazard not otherwise classified. IARC: International Agency for Research on Cancer. NIOSH: National Institute for Occupational Safety and Health. NTP: National Toxicology Program. OEHA: Office of Environmental Health Hazard Assessment. OIV: International Organisation of Vine and Wine. OSHA: Occupational Safety and Health Administration. PEL: permissible exposure limit. PNOR: particulates not otherwise regulated. RCRA: Resource Conservation and Recovery Act. REL: recommended exposure limit. STEL: short-term exposure limit. TLV: threshold limit value. TSCA: Toxic Substances Control Act. TTB: Alcohol and Tobacco Tax and Trade Bureau. TWA: time-weighted average.

References

29 CFR 1910.1200 and Appendix D. 29 CFR 1910.1000 Tables Z-1 and Z-3. 8 CCR 5155 and 8 CCR 5194. NIOSH Pocket Guide to Chemical Hazards, wood dust. NTP Report on Carcinogens, 15th Edition. IARC Monographs Volumes 62 and 100C. California OEHA Proposition 65 list. 27 CFR 24.185 and 24.246. AMEED and EBX product technical data sheets and internal manufacturing data.

Disclaimer

The information given is based on our present knowledge and describes the product for the purposes of health, safety and environmental requirements only. It shall not be construed as guaranteeing any specific property of the product. It is the responsibility of the user to ensure that the product is suitable for the intended use and to comply with applicable regulations.

U.S. SDS prepared in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication Standard) and its Appendix D.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product identifier : EBX oenological tannins, powder (all grades)
Other means of identification : Internal product codes listed in the table below. CAS 1401-55-4, ECHA inventory entry "Tannins".

Commercial references covered by this safety data sheet

These references share the same qualitative composition, the same hazard evaluation and the same risk management measures. Any new reference must undergo a composition check before being attached to this safety data sheet.

Trade name	Description	Product code
"Primary Colors" range	Finishing oenological tannins, powder	10 to 25
"La Recette" range	Finishing oenological tannins, powder	Amplitude, Fruitissimo, Legerete, Mineralite, Rondeur
ANTI-OX	Protective anti-oxidation tannins	AOX, AOR, AOB
#810	PURE French oak tannins	810
VBX	Pre-fermentation protection tannin	VBX

1.2. Recommended use and restrictions on use

Recommended use : Oenological processing aid. Clarification and adjustment of the tannin content of juice or wine in accordance with 27 CFR 24.246. Industrial and professional use.
Restrictions on use : Any use other than the recommended use. Not intended for consumer use.

1.3. Supplier of the safety data sheet

US AMEDEE LLC
1065 Ross Circle
Napa, CA 94558
United States of America
T +1 (707) 266-4824
E-mail : usamedee@gmail.com

1.4. Emergency phone number

Poison Help, national poison control centers (United States), 24 hours a day, 7 days a week: 1-800-222-1222

Emergency services: 911

US AMEDEE LLC does not operate a dedicated 24-hour emergency line. For product information, contact the supplier by telephone during business hours or by e-mail at usamedee@gmail.com (section 1.3).

SECTION 2: Hazards identification

2.1. Hazard classification

Not classified under 29 CFR 1910.1200. The hazard evaluation supporting this conclusion is documented and available in accordance with 1910.1200(d)(2).

2.2. Label elements

No signal word, hazard statement, pictogram or precautionary statement is required.

2.3. Hazards not otherwise classified (HNOC)

Combustible dust : The product is a fine organic powder. Suspended in air in a confined space it can form an explosible atmosphere. Reference values for organic and wood dusts: minimum explosible concentration 30 to 60 g/m³, explosion class St1. Handle in accordance with NFPA 652 and NFPA 664 where applicable.
Mechanical irritation : Airborne dust may cause mechanical irritation of the eyes and upper respiratory tract.
Other hazards : Marked staining of porous surfaces and textiles.

2.4. Ingredients of unknown acute toxicity

None.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Oenological tannins extracted from wood, in powder form, compliant with the International Oenological Codex of the OIV. Botanical origin depending on grade: oak (*Quercus* sp.) and chestnut (*Castanea sativa*) for hydrolysable tannins; grape (*Vitis vinifera*), quebracho, acacia and wild cherry (*Prunus avium*) for condensed tannins.

Component	CAS number	Concentration	Classification
Oenological tannins (wood extracts), hydrolysable and condensed classes	1401-55-4	90 to 99 %	Not classified

EBX OENOLOGICAL TANNINS, POWDER

Safety Data Sheet - Primary Colors, La Recette, ANTI-OX, #810, VBX

prepared in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication Standard), Appendix D

Component	CAS number	Concentration	Classification
Water (residual moisture)	7732-18-5	10 % maximum, loss on drying	Not classified

Concentration ranges are used because the composition varies from batch to batch and across the grades covered by this data sheet, as permitted by Appendix D, section 3. No component is classified as hazardous, meets the criteria of Appendix A or B, or is subject to an occupational exposure limit.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical advice if respiratory irritation persists.
Skin contact	: Wash with plenty of water. Remove contaminated clothing.
Eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Get medical advice if irritation persists.
Ingestion	: Rinse mouth. Do not induce vomiting. Call a poison control center or a physician if you feel unwell.

4.2. Most important symptoms and effects, acute and delayed

No specific symptoms known. Prolonged exposure to airborne dust may cause mechanical irritation of the eyes, skin and upper respiratory tract.

4.3. Indication of immediate medical attention and special treatment needed

Treat symptomatically. No specific antidote.

SECTION 5: Firefighting measures

5.1. Suitable and unsuitable extinguishing media

Suitable	: Water spray. Foam. Dry chemical. Carbon dioxide.
Unsuitable	: Direct water jet, which raises dust into suspension.

5.2. Specific hazards arising from the chemical

Combustion produces carbon monoxide, carbon dioxide and irritating smoke. In a confined space, a large suspension of dust can form an explosible atmosphere.

5.3. Special protective equipment and precautions for firefighters

Do not enter without appropriate protective equipment. Self-contained breathing apparatus. Full protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the spill area. Avoid generating and dispersing dust. Eliminate all ignition sources. Wear protective gloves and eye protection.

6.2. Methods and materials for containment and cleaning up

Collect mechanically without generating dust, or vacuum with equipment suitable for combustible dust. Do not dry sweep. Rinse the soiled surface with water. Avoid release to sewers.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure good ventilation, with local exhaust at the point of emission during weighing, transfer and dissolution. Wear personal protective equipment. Keep away from ignition sources. Bond and ground equipment where large quantities are transferred. Do not eat, drink or smoke when using this product. Wash hands after handling.

7.2. Conditions for safe storage, including any incompatibilities

Keep in the original tightly closed packaging, in a dry, cool and well ventilated place, between 5 and 25 degrees C (41 to 77 degrees F), away from moisture and direct light. Shelf life 36 months. Incompatible materials: strong oxidizers, moisture, iron and unprotected ferrous metals.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No substance-specific occupational exposure limit has been established for oenological tannins by OSHA, Cal/OSHA, ACGIH or NIOSH. The following limits for particulates not otherwise regulated apply to the airborne dust.

Source	Value	Fraction
OSHA PEL, particulates not otherwise regulated (29 CFR 1910.1000 Table Z-1)	15 mg/m3 TWA 5 mg/m3 TWA	Total dust Respirable
Cal/OSHA PEL, particulates not otherwise regulated (8 CCR 5155)	10 mg/m3 TWA 5 mg/m3 TWA	Total dust Respirable
ACGIH TLV-TWA, particles not otherwise specified	10 mg/m3 3 mg/m3	Inhalable Respirable

8.2. Appropriate engineering controls

General ventilation and local exhaust at dust emission points. Eyewash station and water supply nearby.

8.3. Individual protection measures

Hand protection	: Protective gloves.
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EBX OENOLOGICAL TANNINS, POWDER

Safety Data Sheet - Primary Colors, La Recette, ANTI-OX, #810, VBX

prepared in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication Standard), Appendix D

Eye protection	: Safety glasses with side shields (ANSI/ISEA Z87.1).
Skin and body protection	: Suitable work clothing.
Respiratory protection	: NIOSH-approved N95 or better particulate respirator during weighing, transfer and dissolution.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid, powder
Color	: Light brown to dark brown
Odor	: Characteristic, woody
Odor threshold	: No data available
Melting point / freezing point	: Not applicable; the product decomposes before melting
Boiling point	: Not applicable
Flammability	: Combustible solid. Not classified as a flammable solid.
Lower and upper explosion limits	: Not determined on the product. Reference minimum explosible concentration for organic and wood dusts: 30 to 60 g/m ³ .
Flash point	: Not applicable
Auto-ignition temperature	: Not determined on the product. Reference values for wood dust: about 400 degrees C (752 degrees F) as a cloud, about 300 degrees C (572 degrees F) as a 5 mm layer.
Decomposition temperature	: Decomposition from about 200 degrees C (392 degrees F), with no distinct melting point
pH	: 2 to 6 in aqueous solution at 20 degrees C (68 degrees F)
Kinematic viscosity	: Not applicable
Solubility	: Soluble in water, more than 500 g/L at 25 degrees C (77 degrees F). Commonly dissolved at 230 g/L, that is 230 g per liter of water.
Partition coefficient n-octanol/water	: Not relevant, mixture
Vapor pressure	: Not applicable
Evaporation rate	: Not applicable
Density and relative density	: Bulk density 300 to 600 kg/m ³ (19 to 37 lb/ft ³) depending on grade
Relative vapor density	: Not relevant
Particle characteristics	: Fine powder. Not a nanomaterial.

9.2. Other safety characteristics

Dry matter content	: 90 % minimum, loss on drying 10 % maximum, per OIV monograph COEI-1-TANINS
Total polyphenol content	: 65 % minimum, purity criterion of the International Oenological Codex
Combustible dust	: Yes, organic powder

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reaction known under normal conditions of use.

10.4. Conditions to avoid

Moisture. Excessive heat. Direct light. Suspension of dust near an ignition source.

10.5. Incompatible materials

Strong oxidizers. Moisture. Iron and unprotected ferrous metals.

10.6. Hazardous decomposition products

None under normal conditions of storage and use. Combustion produces carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure	: Inhalation of dust, skin contact, eye contact. Ingestion is not a foreseeable route under conditions of use.
Acute toxicity, oral	: Not classified
Acute toxicity, dermal	: Not classified
Acute toxicity, inhalation	: Not classified
Skin corrosion or irritation	: Not classified
Serious eye damage or eye irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified

EBX OENOLOGICAL TANNINS, POWDER

Safety Data Sheet - Primary Colors, La Recette, ANTI-OX, #810, VBX

prepared in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication Standard), Appendix D

Specific target organ toxicity, single exposure	: Not classified
Specific target organ toxicity, repeated exposure	: Not classified
Aspiration hazard	: Not classified
Numerical measures of toxicity	: No acute toxicity estimate (ATE) established. No test has been performed on the product.
Interactive effects	: None known.

The product as supplied is not classified. Carcinogenicity, listing status required by Appendix D, section 11(f): no component of this product is listed in the NTP Report on Carcinogens, 15th Edition, is classified by IARC, or is regulated as a carcinogen by OSHA under 29 CFR Part 1910, Subpart Z. The pH of an aqueous solution does not fall to or below 2; the acid reserve is low, tannins being weak organic acids. Oenological tannins are authorized in winemaking and are ingested orally at low doses in wine.

Note on the classification and labelling inventory: the ECHA entry "Tannins" carries divergent notifications, the most frequent being eye irritation category 2. There is no harmonized classification. The self-classification adopted here relies on the actual composition of the product, its oenological use and the absence of any observed irritant effect under conditions of use.

SECTION 12: Ecological information

12.1. Ecotoxicity

The product is not considered toxic to aquatic organisms and is not expected to cause long-term adverse effects. No quantitative data available: no test has been performed.

12.2. Persistence and degradability

Plant-derived product, biodegradable.

12.3. Bioaccumulative potential

Not expected given the nature of the product.

12.4. Mobility in soil

No experimental data available. Given its biodegradability, no mobility of concern is expected.

12.5. Other adverse effects

Coloring of waste water. Avoid direct discharge.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product	: Dispose of in accordance with federal, state and local regulations through an approved collector.
Contaminated packaging	: Empty completely, then dispose of through the appropriate recycling stream (paper, cardboard or polyethylene depending on the packaging).
RCRA status	: This product is not a listed or characteristic hazardous waste under 40 CFR Part 261. Dispose of in accordance with federal, state and local regulations.

SECTION 14: Transport information

This product is not regulated as a hazardous material by the U.S. Department of Transportation (49 CFR), nor under the IMDG Code or the IATA Dangerous Goods Regulations.

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not a marine pollutant.

14.6. Transport in bulk according to IMO instruments

Not applicable

14.7. Special precautions for user

No special precautions beyond the general rules for the carriage of food materials.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product

TSCA. The components of this product are excluded from the definition of "chemical substance" under TSCA section 3(2)(B)(vi) (15 U.S.C. 2602(2)(B)(vi); 40 CFR 710.3) as a food or food additive when manufactured, processed or distributed in commerce for use as such. Naturally occurring components processed by mechanical means or by dissolution in water are in any case included on the TSCA Inventory under the category "Naturally Occurring Chemical Substances" (40 CFR 710.4(b)).

CERCLA. This product contains no substance listed at 40 CFR 302.4. No reportable quantity (RQ) applies.

EPCRA / SARA. Section 302: contains no extremely hazardous substance listed in 40 CFR Part 355, Appendix A. Sections 311 and 312: not applicable, the product is not a hazardous chemical requiring a safety data sheet under OSHA and is in any case excluded as a food or food additive under 40 CFR 370.13(a). Section 313: contains no chemical listed at 40 CFR 372.65.

Clean Air Act. Contains no hazardous air pollutant listed under CAA section 112(b). Not subject to section 112(r).

EBX OENOLOGICAL TANNINS, POWDER

Safety Data Sheet - Primary Colors, La Recette, ANTI-OX, #810, VBX

prepared in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication Standard), Appendix D

TTB. Tannin is authorized to clarify, or adjust the tannin content of, juice or wine other than apple (27 CFR 24.246). The residual amount of tannin, calculated as gallic acid equivalents, must not exceed 800 mg/L in white wine and 3 g/L in red wine, and total tannin must not be increased by more than 150 mg/L by the addition of tannic acid. Only tannin which does not impart color may be used in the cellar treatment of juice or wine.

California Proposition 65. This product contains no chemical known to the State of California to cause cancer, birth defects or other reproductive harm, as listed under the Safe Drinking Water and Toxic Enforcement Act of 1986.

State right-to-know. Wood dust appears on the right-to-know lists of New Jersey, Pennsylvania, Massachusetts, Rhode Island and Minnesota.

FDA. Intended for use in the production of a food for human consumption. The user is responsible for compliance with the Federal Food, Drug, and Cosmetic Act for the finished beverage.

15.2. Chemical safety assessment

No chemical safety assessment is required under United States law. None has been performed.

SECTION 16: Other information

Date of preparation and revision

Date of preparation of this safety data sheet: 07/30/2026. Version 1.0. This is the first issue of a safety data sheet in the format of 29 CFR 1910.1200 Appendix D for the United States market.

Hazard evaluation and classification method

The mixture is not classified. The evaluation was carried out under 1910.1200(d) on the basis of the available data for the constituent substances, no test having been performed on the mixture itself. No constituent is listed by NTP, IARC or OSHA as a carcinogen. The combustible nature of the powder is communicated as a hazard not otherwise classified in section 2.3. This evaluation is documented in accordance with 1910.1200(d)(2).

Training advice

Instruct personnel on the content of this safety data sheet before first handling. Where the operation generates airborne dust, train operators in dust control: local exhaust ventilation at the point of emission, no dry sweeping, limitation of drop height, and use of a NIOSH-approved particulate respirator. Inform them of the NTP and IARC listing status of wood dust.

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists. ATE: acute toxicity estimate. Cal/OSHA: California Division of Occupational Safety and Health. CAS: Chemical Abstracts Service. CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act. DOT: Department of Transportation. EPCRA: Emergency Planning and Community Right-to-Know Act. GHS: Globally Harmonized System. HNOC: hazard not otherwise classified. IARC: International Agency for Research on Cancer. NIOSH: National Institute for Occupational Safety and Health. NTP: National Toxicology Program. OEHHHA: Office of Environmental Health Hazard Assessment. OIV: International Organisation of Vine and Wine. OSHA: Occupational Safety and Health Administration. PEL: permissible exposure limit. PNOR: particulates not otherwise regulated. RCRA: Resource Conservation and Recovery Act. REL: recommended exposure limit. STEL: short-term exposure limit. TLV: threshold limit value. TSCA: Toxic Substances Control Act. TTB: Alcohol and Tobacco Tax and Trade Bureau. TWA: time-weighted average.

References

29 CFR 1910.1200 and Appendix D. 29 CFR 1910.1000 Tables Z-1 and Z-3. 8 CCR 5155 and 8 CCR 5194. NIOSH Pocket Guide to Chemical Hazards, wood dust. NTP Report on Carcinogens, 15th Edition. IARC Monographs Volumes 62 and 100C. California OEHHHA Proposition 65 list. 27 CFR 24.185 and 24.246. AMEED and EBX product technical data sheets and internal manufacturing data.

Disclaimer

The information given is based on our present knowledge and describes the product for the purposes of health, safety and environmental requirements only. It shall not be construed as guaranteeing any specific property of the product. It is the responsibility of the user to ensure that the product is suitable for the intended use and to comply with applicable regulations.

U.S. SDS prepared in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication Standard) and its Appendix D.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product identifier : EBX liquid oenological tannins and wood extracts (all grades)
Other means of identification : Internal product codes listed in the table below. CAS 1401-55-4 for the tannin fraction.

Commercial references covered by this safety data sheet

These references share the same qualitative composition, the same hazard evaluation and the same risk management measures. Any new reference must undergo a composition check before being attached to this safety data sheet.

Trade name	Description	Product code
"Primary Colors" range in solution	Finishing tannins in aqueous solution	10 to 25
"La Recette" range in solution	Finishing tannins in aqueous solution	Amplitude, Fruitissimo, Legerete, Mineralite, Rondeur
ANTI-OX / EBX_PROTECT	Protective tannins in solution	AOR, AOB
#810	PURE French oak tannins in solution	810
VBX	Oenological tannin in solution	VBX
#410 Spirit Enhancer	Liquid boise, unstabilized aqueous Limousin oak extract, for spirit drinks	410

1.2. Recommended use and restrictions on use

Recommended use : Oenological processing aid and technological ingredient for beverages. Treatment of musts and wines in accordance with 27 CFR 24.246; production of spirit drinks (reference #410). Industrial and professional use.
Restrictions on use : Any use other than the recommended use. Not intended for consumer use.

1.3. Supplier of the safety data sheet

US AMEDEE LLC
1065 Ross Circle
Napa, CA 94558
United States of America
T +1 (707) 266-4824
E-mail

: usamedee@gmail.com

1.4. Emergency phone number

Poison Help, national poison control centers (United States), 24 hours a day, 7 days a week: 1-800-222-1222

Emergency services: 911

US AMEDEE LLC does not operate a dedicated 24-hour emergency line. For product information, contact the supplier by telephone during business hours or by e-mail at usamedee@gmail.com (section 1.3).

SECTION 2: Hazards identification

2.1. Hazard classification

Not classified under 29 CFR 1910.1200. The hazard evaluation supporting this conclusion is documented and available in accordance with 1910.1200(d)(2).

2.2. Label elements

No signal word, hazard statement, pictogram or precautionary statement is required.

2.3. Hazards not otherwise classified (HNOC)

Slipping hazard : When spilled, the product makes floors slippery.
Other hazards : Marked staining of porous surfaces and textiles.

2.4. Ingredients of unknown acute toxicity

None.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Aqueous solution of oenological tannins extracted from wood. Main range at 200 g/L (20 percent w/v). The tannins used come from the same raw materials as the powder forms compliant with the International Oenological Codex of the OIV; the liquid form itself is not covered by monograph COEI-1-TANINS. Reference #410 is an unstabilized aqueous oak extract containing neither ethanol nor any other solvent.

Component	CAS number	Concentration	Classification
Oenological tannins (wood extracts)	1401-55-4	10 to 25 %	Not classified
Water	7732-18-5	75 to 90 %	Not classified

Concentration ranges are used because the composition varies across the grades covered by this data sheet, as permitted by Appendix D, section 3. No component is classified as hazardous or is subject to an occupational exposure limit.

Safety Data Sheet - Aqueous solutions, wine and spirit drinks
prepared in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication Standard), Appendix D

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical advice if respiratory irritation persists.
Skin contact	: Wash with plenty of water. Remove contaminated clothing.
Eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Get medical advice if irritation persists.
Ingestion	: Rinse mouth. Do not induce vomiting. Call a poison control center or a physician if you feel unwell.

4.2. Most important symptoms and effects, acute and delayed

No specific symptoms known. Prolonged exposure to airborne dust may cause mechanical irritation of the eyes, skin and upper respiratory tract.

4.3. Indication of immediate medical attention and special treatment needed

Treat symptomatically. No specific antidote.

SECTION 5: Firefighting measures

5.1. Suitable and unsuitable extinguishing media

Suitable	: Water spray. Foam. Dry chemical. Carbon dioxide.
Unsuitable	: None known.

5.2. Specific hazards arising from the chemical

Combustion produces carbon monoxide, carbon dioxide and irritating smoke.

5.3. Special protective equipment and precautions for firefighters

Do not enter without appropriate protective equipment. Self-contained breathing apparatus. Full protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the spill area. Beware of the slipping hazard. Wear protective gloves and eye protection.

6.2. Methods and materials for containment and cleaning up

Absorb the spilled liquid with an inert absorbent material. Rinse the soiled surface with water. Avoid release to sewers and to the natural environment: the product is not toxic to aquatic organisms but is strongly colouring.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure good ventilation of the workstation. Wear personal protective equipment. Avoid prolonged contact with skin and eyes. Do not eat, drink or smoke when using this product. Wash hands after handling.

7.2. Conditions for safe storage, including any incompatibilities

Keep in the original closed packaging, in a dry, cool and well ventilated place, between 5 and 25 degrees C (41 to 77 degrees F), away from direct light. Shelf life 24 months. Incompatible materials: strong oxidizers, iron and unprotected ferrous metals. Reference #410 is supplied unstabilized: being an aqueous wood extract with neither alcohol nor preservative, it is sensitive to microbiological spoilage. Keep cool, away from light, and use or stabilize promptly after opening.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No occupational exposure limit has been established for the components of this mixture by OSHA, Cal/OSHA, ACGIH or NIOSH. As the product is liquid it does not generate an aerosol under normal conditions of use.

8.2. Appropriate engineering controls

General ventilation of the workstation. Eyewash station and water supply nearby.

8.3. Individual protection measures

Hand protection	: Chemical protective gloves, nitrile or latex.
Eye protection	: Safety glasses with side shields (ANSI/ISEA Z87.1) where splashing may occur.
Skin and body protection	: Suitable work clothing.
Respiratory protection	: Not required under normal conditions of use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Dark brown
Odor	: Characteristic, woody
Odor threshold	: No data available
Melting point / freezing point	: About 0 degrees C (32 degrees F), aqueous solution; freezing is to be avoided
Boiling point	: About 100 degrees C (212 degrees F), aqueous solution

EBX LIQUID OENOLOGICAL TANNINS

Safety Data Sheet - Aqueous solutions, wine and spirit drinks

prepared in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication Standard), Appendix D

Flammability	: Not flammable, aqueous solution
Lower and upper explosion limits	: Not applicable
Flash point	: Not applicable. Aqueous solution containing neither ethanol nor any other flammable solvent. No hydroalcoholic reference is covered by this data sheet.
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
pH	: 3 to 5 as supplied, at 20 degrees C (68 degrees F)
Kinematic viscosity	: No data available
Solubility	: Miscible with water in all proportions
Partition coefficient n-octanol/water	: Not relevant, mixture
Vapor pressure	: About 23 hPa at 20 degrees C (68 degrees F), close to that of water
Evaporation rate	: Comparable to water
Density and relative density	: 1.095 g/cm ³ plus or minus 0.05 at 20 degrees C (9.13 lb/gal)
Relative vapor density	: Not relevant
Particle characteristics	: Not relevant, liquid product

9.2. Other safety characteristics

Tannin concentration	: 200 g/L (20 percent w/v) for the main range
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SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reaction known under normal conditions of use.

10.4. Conditions to avoid

Freezing. Excessive heat. Direct light.

10.5. Incompatible materials

Strong oxidizers. Iron and unprotected ferrous metals.

10.6. Hazardous decomposition products

None under normal conditions of storage and use. Combustion produces carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure	: Inhalation of dust, skin contact, eye contact. Ingestion is not a foreseeable route under conditions of use.
Acute toxicity, oral	: Not classified
Acute toxicity, dermal	: Not classified
Acute toxicity, inhalation	: Not classified
Skin corrosion or irritation	: Not classified
Serious eye damage or eye irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity, single exposure	: Not classified
Specific target organ toxicity, repeated exposure	: Not classified
Aspiration hazard	: Not classified
Numerical measures of toxicity	: No acute toxicity estimate (ATE) established. No test has been performed on the product.
Interactive effects	: None known.

The product as supplied is not classified. Carcinogenicity, listing status required by Appendix D, section 11(f): no component of this product is listed in the NTP Report on Carcinogens, 15th Edition, is classified by IARC, or is regulated as a carcinogen by OSHA under 29 CFR Part 1910, Subpart Z. The pH of the mixture is between 3 and 5, values recorded in production; no grade reaches the pH of 2 or below at which skin corrosion would be presumed. The acid reserve is low, tannins being weak organic acids.

SECTION 12: Ecological information

12.1. Ecotoxicity

The product is not considered toxic to aquatic organisms and is not expected to cause long-term adverse effects. No quantitative data available: no test has been performed.

12.2. Persistence and degradability

Plant-derived product, biodegradable.

12.3. Bioaccumulative potential

EBX LIQUID OENOLOGICAL TANNINS

Safety Data Sheet - Aqueous solutions, wine and spirit drinks
prepared in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication Standard), Appendix D
Not expected given the nature of the product.

12.4. Mobility in soil

No experimental data available. Given its biodegradability, no mobility of concern is expected.

12.5. Other adverse effects

Coloring of waste water. Avoid direct discharge.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product	: Dispose of in accordance with federal, state and local regulations through an approved collector. Rinse contaminated packaging with water before recycling.
Contaminated packaging	: Empty completely, then dispose of through the appropriate recycling stream (paper, cardboard or polyethylene depending on the packaging).
RCRA status	: This product is not a listed or characteristic hazardous waste under 40 CFR Part 261. Dispose of in accordance with federal, state and local regulations.

SECTION 14: Transport information

This product is not regulated as a hazardous material by the U.S. Department of Transportation (49 CFR), nor under the IMDG Code or the IATA Dangerous Goods Regulations.

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not a marine pollutant.

14.6. Transport in bulk according to IMO instruments

Not applicable

14.7. Special precautions for user

No special precautions beyond the general rules for the carriage of food materials.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product

TSCA. The components of this product are excluded from the definition of "chemical substance" under TSCA section 3(2)(B)(vi) (15 U.S.C. 2602(2)(B)(vi); 40 CFR 710.3) as a food or food additive when manufactured, processed or distributed in commerce for use as such. Naturally occurring components processed by mechanical means or by dissolution in water are in any case included on the TSCA Inventory under the category "Naturally Occurring Chemical Substances" (40 CFR 710.4(b)).

CERCLA. This product contains no substance listed at 40 CFR 302.4. No reportable quantity (RQ) applies.

EPCRA / SARA. Section 302: contains no extremely hazardous substance listed in 40 CFR Part 355, Appendix A. Sections 311 and 312: not applicable, the product is not a hazardous chemical requiring a safety data sheet under OSHA and is in any case excluded as a food or food additive under 40 CFR 370.13(a). Section 313: contains no chemical listed at 40 CFR 372.65.

Clean Air Act. Contains no hazardous air pollutant listed under CAA section 112(b). Not subject to section 112(r).

TTB. Tannin is authorized to clarify, or adjust the tannin content of, juice or wine other than apple (27 CFR 24.246), within the residual limits of 800 mg/L in white wine and 3 g/L in red wine expressed as gallic acid equivalents. Wood essences and extracts are separately governed by 27 CFR 24.185(b). Reference #410 is intended for spirit drinks and is not authorized for winemaking: 27 CFR 24.185(a) covers treatment by contact with wood in the form of barrels, staves, chips or particles, not liquid extracts. For distilled spirits, an infusion of oak chips is a coloring, flavoring or blending material only when approved by the Administrator (27 CFR 5.155(a)(1)).

California Proposition 65. This product contains no chemical known to the State of California to cause cancer, birth defects or other reproductive harm, as listed under the Safe Drinking Water and Toxic Enforcement Act of 1986.

State right-to-know. Wood dust appears on the right-to-know lists of New Jersey, Pennsylvania, Massachusetts, Rhode Island and Minnesota.

FDA. Intended for use in the production of a food for human consumption. The user is responsible for compliance with the Federal Food, Drug, and Cosmetic Act for the finished beverage.

15.2. Chemical safety assessment

No chemical safety assessment is required under United States law. None has been performed.

SECTION 16: Other information

Date of preparation and revision

Date of preparation of this safety data sheet: 07/30/2026. Version 1.0. This is the first issue of a safety data sheet in the format of 29 CFR 1910.1200 Appendix D for the United States market.

Hazard evaluation and classification method

The mixture is not classified. The evaluation was carried out under 1910.1200(d) on the basis of the available data for the constituent substances, no test having been performed on the mixture itself. The pH was verified against the criteria for skin corrosion and serious eye damage. No constituent is listed by NTP, IARC or OSHA as a carcinogen. This evaluation is documented in accordance with 1910.1200(d)(2).

Training advice

EBX LIQUID OENOLOGICAL TANNINS

Safety Data Sheet - Aqueous solutions, wine and spirit drinks

prepared in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication Standard), Appendix D

Instruct personnel on the content of this safety data sheet before first handling. Where the operation generates airborne dust, train operators in dust control: local exhaust ventilation at the point of emission, no dry sweeping, limitation of drop height, and use of a NIOSH-approved particulate respirator. Inform them of the NTP and IARC listing status of wood dust.

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists. ATE: acute toxicity estimate. Cal/OSHA: California Division of Occupational Safety and Health. CAS: Chemical Abstracts Service. CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act. DOT: Department of Transportation. EPCRA: Emergency Planning and Community Right-to-Know Act. GHS: Globally Harmonized System. HNOC: hazard not otherwise classified. IARC: International Agency for Research on Cancer. NIOSH: National Institute for Occupational Safety and Health. NTP: National Toxicology Program. OEHHA: Office of Environmental Health Hazard Assessment. OIV: International Organisation of Vine and Wine. OSHA: Occupational Safety and Health Administration. PEL: permissible exposure limit. PNOR: particulates not otherwise regulated. RCRA: Resource Conservation and Recovery Act. REL: recommended exposure limit. STEL: short-term exposure limit. TLV: threshold limit value. TSCA: Toxic Substances Control Act. TTB: Alcohol and Tobacco Tax and Trade Bureau. TWA: time-weighted average.

References

29 CFR 1910.1200 and Appendix D. 29 CFR 1910.1000 Tables Z-1 and Z-3. 8 CCR 5155 and 8 CCR 5194. NIOSH Pocket Guide to Chemical Hazards, wood dust. NTP Report on Carcinogens, 15th Edition. IARC Monographs Volumes 62 and 100C. California OEHHA Proposition 65 list. 27 CFR 24.185 and 24.246. AMEDEV and EBX product technical data sheets and internal manufacturing data.

Disclaimer

The information given is based on our present knowledge and describes the product for the purposes of health, safety and environmental requirements only. It shall not be construed as guaranteeing any specific property of the product. It is the responsibility of the user to ensure that the product is suitable for the intended use and to comply with applicable regulations.

U.S. SDS prepared in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication Standard) and its Appendix D.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product identifier : EBX BARREL PROTECT, powder to be dissolved
Other means of identification : Internal product code BAR. CAS 1401-55-4 for the hydrolysable tannin fraction.

Commercial references covered by this safety data sheet

These references share the same qualitative composition, the same hazard evaluation and the same risk management measures. Any new reference must undergo a composition check before being attached to this safety data sheet.

Trade name	Description	Product code
EBX BARREL PROTECT	Oenological tannin complex for empty wooden containers, sulfite-free. Powder to be dissolved, sachet for 500 mL, 1 L or 5 L of solution	BAR

1.2. Recommended use and restrictions on use

Recommended use : Finishing treatment of EMPTY barrels and wooden containers, without the use of sulfur. The product is dissolved in water then sprayed inside the empty container, where it forms a tannin film on the wood surface. Industrial and professional use.
Restrictions on use : Do not add to wine, must or any foodstuff. Intended exclusively for the treatment of empty containers. Not intended for consumer use.

1.3. Supplier of the safety data sheet

US AMEDEE LLC
1065 Ross Circle
Napa, CA 94558
United States of America
T +1 (707) 266-4824
E-mail : usamedee@gmail.com

1.4. Emergency phone number

Poison Help, national poison control centers (United States), 24 hours a day, 7 days a week: 1-800-222-1222

Emergency services: 911

US AMEDEE LLC does not operate a dedicated 24-hour emergency line. For product information, contact the supplier by telephone during business hours or by e-mail at usamedee@gmail.com (section 1.3).

SECTION 2: Hazards identification

2.1. Hazard classification

Not classified under 29 CFR 1910.1200. The hazard evaluation supporting this conclusion is documented and available in accordance with 1910.1200(d)(2).

2.2. Label elements

No signal word, hazard statement, pictogram or precautionary statement is required.

2.3. Hazards not otherwise classified (HNOC)

Combustible dust : The product is a fine organic powder. Suspended in air in a confined space it can form an explosible atmosphere.
Mechanical irritation : Airborne dust may cause mechanical irritation of the eyes and upper respiratory tract.
Other hazards : Marked staining of porous surfaces and textiles.

2.4. Ingredients of unknown acute toxicity

None.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Complex of plant-derived oenological tannins, in powder form to be dissolved in water. The product combines the two classes of tannins defined by monograph COEI-1-TANINS of the International Oenological Codex of the OIV: hydrolysable tannins and condensed tannins. It contains no solvent, no preservative, no sulfites and no biocidal active substance.

Tannin class	CAS number	Concentration	Classification
Hydrolysable tannins, ellagitannins and gallic tannins	1401-55-4	Main constituent	Not classified
Condensed tannins, proanthocyanidins	No CAS number assigned	Main constituent	Not classified

The quantitative breakdown between the two classes is a manufacturing secret and is withheld under 1910.1200(i). It has no bearing on the classification or on the risk management measures described in this data sheet. No constituent is classified as hazardous or is subject to an occupational exposure limit. No CAS number is assigned to condensed tannins or proanthocyanidins as such; only numbers specific to botanical extracts exist.

EBX BARREL PROTECT

Safety Data Sheet - Finishing treatment for empty wooden containers

prepared in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication Standard), Appendix D

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	: Remove person to fresh air and keep comfortable for breathing. Get medical advice if respiratory irritation persists.
Skin contact	: Wash with plenty of water. Remove contaminated clothing.
Eye contact	: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Get medical advice if irritation persists.
Ingestion	: Rinse mouth. Do not induce vomiting. Call a poison control center or a physician if you feel unwell.

4.2. Most important symptoms and effects, acute and delayed

No specific symptoms known. Prolonged exposure to airborne dust may cause mechanical irritation of the eyes, skin and upper respiratory tract.

4.3. Indication of immediate medical attention and special treatment needed

Treat symptomatically. No specific antidote.

SECTION 5: Firefighting measures

5.1. Suitable and unsuitable extinguishing media

Suitable	: Water spray. Foam. Dry chemical. Carbon dioxide.
Unsuitable	: Direct water jet, which raises dust into suspension.

5.2. Specific hazards arising from the chemical

Combustion produces carbon monoxide, carbon dioxide and irritating smoke. In a confined space, a large suspension of dust can form an explosible atmosphere.

5.3. Special protective equipment and precautions for firefighters

Do not enter without appropriate protective equipment. Self-contained breathing apparatus. Full protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the spill area. Avoid generating and dispersing dust. Eliminate all ignition sources. Wear protective gloves and eye protection.

6.2. Methods and materials for containment and cleaning up

Collect mechanically without generating dust, or vacuum with equipment suitable for combustible dust. Do not dry sweep. Rinse the soiled surface with water.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ensure good ventilation, with local exhaust during weighing, transfer and dissolution. Wear personal protective equipment. When spraying inside a container, wear eye protection and a NIOSH-approved particulate respirator, and ensure the container is ventilated. Do not eat, drink or smoke when using this product. Wash hands after handling.

7.2. Conditions for safe storage, including any incompatibilities

Keep in the original tightly closed packaging, off the ground, in a dry, cool and well ventilated place. Shelf life 36 months. Incompatible materials: strong oxidizers, moisture, iron and unprotected ferrous metals.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No substance-specific occupational exposure limit has been established for oenological tannins. The limits for particulates not otherwise regulated apply to the airborne dust: OSHA PEL 15 mg/m³ TWA total dust and 5 mg/m³ TWA respirable (29 CFR 1910.1000 Table Z-1); Cal/OSHA PEL 10 mg/m³ TWA total dust and 5 mg/m³ TWA respirable (8 CCR 5155); ACGIH TLV-TWA 10 mg/m³ inhalable and 3 mg/m³ respirable for particles not otherwise specified.

8.2. Appropriate engineering controls

General ventilation and local exhaust at dust emission points. Ventilate the container during and after spraying. Eyewash station and water supply nearby.

8.3. Individual protection measures

Hand protection	: Protective gloves.
Eye protection	: Safety glasses with side shields, or goggles when spraying (ANSI/ISEA Z87.1).
Skin and body protection	: Suitable work clothing.
Respiratory protection	: NIOSH-approved N95 or better particulate respirator during weighing, dissolution and spraying.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid, powder
Color	: Light brown to dark brown
Odor	: Characteristic, woody

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Odor threshold	: No data available
Melting point / freezing point	: Not applicable; the product decomposes before melting
Boiling point	: Not applicable
Flammability	: Combustible solid. Not classified as a flammable solid.
Lower and upper explosion limits	: Not determined on the product. Reference minimum explosible concentration for organic dusts: 30 to 60 g/m ³ .
Flash point	: Not applicable
Auto-ignition temperature	: Not determined on the product.
Decomposition temperature	: Decomposition from about 200 degrees C (392 degrees F), with no distinct melting point
pH	: 2 to 6 in aqueous solution at 20 degrees C (68 degrees F)
Kinematic viscosity	: Not applicable
Solubility	: Soluble in water, more than 500 g/L at 25 degrees C (77 degrees F). Commonly dissolved at 230 g/L, that is 230 g per liter of water.
Partition coefficient n-octanol/water	: Not relevant, mixture
Vapor pressure	: Not applicable
Evaporation rate	: Not applicable
Density and relative density	: Bulk density 300 to 600 kg/m ³ (19 to 37 lb/ft ³)
Relative vapor density	: Not relevant
Particle characteristics	: Fine powder. Not a nanomaterial.

9.2. Other safety characteristics

Combustible dust	: Yes, organic powder
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SECTION 10: Stability and reactivity

10.1. Reactivity

The product is not reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No hazardous reaction known under normal conditions of use.

10.4. Conditions to avoid

Moisture. Excessive heat. Direct light. Suspension of dust near an ignition source.

10.5. Incompatible materials

Strong oxidizers. Moisture. Iron and unprotected ferrous metals.

10.6. Hazardous decomposition products

None under normal conditions of storage and use. Combustion produces carbon monoxide and carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Likely routes of exposure	: Inhalation of dust, skin contact, eye contact. Ingestion is not a foreseeable route under conditions of use.
Acute toxicity, oral	: Not classified
Acute toxicity, dermal	: Not classified
Acute toxicity, inhalation	: Not classified
Skin corrosion or irritation	: Not classified
Serious eye damage or eye irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity, single exposure	: Not classified
Specific target organ toxicity, repeated exposure	: Not classified
Aspiration hazard	: Not classified
Numerical measures of toxicity	: No acute toxicity estimate (ATE) established. No test has been performed on the product.
Interactive effects	: None known.

The product as supplied is not classified. Carcinogenicity, listing status required by Appendix D, section 11(f): no component of this product is listed in the NTP Report on Carcinogens, 15th Edition, is classified by IARC, or is regulated as a carcinogen by OSHA under 29 CFR Part 1910, Subpart Z.

SECTION 12: Ecological information

12.1. Ecotoxicity

The product is not considered toxic to aquatic organisms and is not expected to cause long-term adverse effects. No quantitative data available: no test has been performed.

12.2. Persistence and degradability

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Plant-derived product, biodegradable.

12.3. Bioaccumulative potential

Not expected given the nature of the product.

12.4. Mobility in soil

No experimental data available. Given its biodegradability, no mobility of concern is expected.

12.5. Other adverse effects

Coloring of waste water. Avoid direct discharge. Rinsate from treated barrels should not be discharged directly to surface water.

SECTION 13: Disposal considerations

13.1. Disposal methods

Product	: Dispose of in accordance with federal, state and local regulations through an approved collector.
Contaminated packaging	: Empty completely, then dispose of through the appropriate recycling stream (paper, cardboard or polyethylene depending on the packaging).
RCRA status	: This product is not a listed or characteristic hazardous waste under 40 CFR Part 261. Dispose of in accordance with federal, state and local regulations.

SECTION 14: Transport information

This product is not regulated as a hazardous material by the U.S. Department of Transportation (49 CFR), nor under the IMDG Code or the IATA Dangerous Goods Regulations.

14.1. UN number

Not applicable

14.2. UN proper shipping name

Not applicable

14.3. Transport hazard class

Not applicable

14.4. Packing group

Not applicable

14.5. Environmental hazards

Not a marine pollutant.

14.6. Transport in bulk according to IMO instruments

Not applicable

14.7. Special precautions for user

No special precautions beyond the general rules for the carriage of food materials.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations specific for the product

TSCA. The components of this product are excluded from the definition of "chemical substance" under TSCA section 3(2)(B)(vi) (15 U.S.C. 2602(2)(B)(vi); 40 CFR 710.3) as a food or food additive when manufactured, processed or distributed in commerce for use as such. Naturally occurring components processed by mechanical means or by dissolution in water are in any case included on the TSCA Inventory under the category "Naturally Occurring Chemical Substances" (40 CFR 710.4(b)).

CERCLA. This product contains no substance listed at 40 CFR 302.4. No reportable quantity (RQ) applies.

EPCRA / SARA. Section 302: contains no extremely hazardous substance listed in 40 CFR Part 355, Appendix A. Sections 311 and 312: not applicable, the product is not a hazardous chemical requiring a safety data sheet under OSHA and is in any case excluded as a food or food additive under 40 CFR 370.13(a). Section 313: contains no chemical listed at 40 CFR 372.65.

Clean Air Act. Contains no hazardous air pollutant listed under CAA section 112(b). Not subject to section 112(r).

FIFRA and biocidal status. The product is a complex of oenological tannins. It contains no pesticidal or biocidal active substance and is neither claimed nor distributed as a pesticide within the meaning of the Federal Insecticide, Fungicide, and Rodenticide Act. No pesticidal claim may be made on the label or in commercial documentation.

TTB. The product is used to treat empty wine containers and is not added to wine or must. The materials authorized for the treatment of wine at 27 CFR 24.246 and the wood treatment provisions of 27 CFR 24.185 therefore do not apply to this use. Rinse the container before filling.

California Proposition 65. This product contains no chemical known to the State of California to cause cancer, birth defects or other reproductive harm, as listed under the Safe Drinking Water and Toxic Enforcement Act of 1986.

State right-to-know. Wood dust appears on the right-to-know lists of New Jersey, Pennsylvania, Massachusetts, Rhode Island and Minnesota.

15.2. Chemical safety assessment

No chemical safety assessment is required under United States law. None has been performed.

SECTION 16: Other information

Date of preparation and revision

Date of preparation of this safety data sheet: 07/30/2026. Version 1.0. This is the first issue of a safety data sheet in the format of 29 CFR 1910.1200 Appendix D for the United States market.

Hazard evaluation and classification method

The mixture is not classified. The evaluation was carried out under 1910.1200(d) on the basis of the available data for the constituent substances, no test having been performed on the mixture itself. No constituent is listed by NTP, IARC or OSHA as a carcinogen. The combustible nature of the powder is communicated as a hazard not otherwise classified in section 2.3. This evaluation is documented in accordance with 1910.1200(d)(2).

Training advice

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Instruct personnel on the content of this safety data sheet before first handling. Where the operation generates airborne dust, train operators in dust control: local exhaust ventilation at the point of emission, no dry sweeping, limitation of drop height, and use of a NIOSH-approved particulate respirator. Inform them of the NTP and IARC listing status of wood dust.

Abbreviations and acronyms

ACGIH: American Conference of Governmental Industrial Hygienists. ATE: acute toxicity estimate. Cal/OSHA: California Division of Occupational Safety and Health. CAS: Chemical Abstracts Service. CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act. DOT: Department of Transportation. EPCRA: Emergency Planning and Community Right-to-Know Act. GHS: Globally Harmonized System. HNOC: hazard not otherwise classified. IARC: International Agency for Research on Cancer. NIOSH: National Institute for Occupational Safety and Health. NTP: National Toxicology Program. OEHHA: Office of Environmental Health Hazard Assessment. OIV: International Organisation of Vine and Wine. OSHA: Occupational Safety and Health Administration. PEL: permissible exposure limit. PNOR: particulates not otherwise regulated. RCRA: Resource Conservation and Recovery Act. REL: recommended exposure limit. STEL: short-term exposure limit. TLV: threshold limit value. TSCA: Toxic Substances Control Act. TTB: Alcohol and Tobacco Tax and Trade Bureau. TWA: time-weighted average.

References

29 CFR 1910.1200 and Appendix D. 29 CFR 1910.1000 Tables Z-1 and Z-3. 8 CCR 5155 and 8 CCR 5194. NIOSH Pocket Guide to Chemical Hazards, wood dust. NTP Report on Carcinogens, 15th Edition. IARC Monographs Volumes 62 and 100C. California OEHHA Proposition 65 list. 27 CFR 24.185 and 24.246. AMEDEE and EBX product technical data sheets and internal manufacturing data.

Disclaimer

The information given is based on our present knowledge and describes the product for the purposes of health, safety and environmental requirements only. It shall not be construed as guaranteeing any specific property of the product. It is the responsibility of the user to ensure that the product is suitable for the intended use and to comply with applicable regulations.

U.S. SDS prepared in accordance with 29 CFR 1910.1200 (OSHA Hazard Communication Standard) and its Appendix D.