essedielle srl
Loc. Macinini Fraz. Caldari
66026 Ortona (CH)
Num. REA CH-72915
P.IVA e CF: 00639090695
Codice Univoco SUBM70N
Capitale Sociale € 100.000,00

SAFETY DATA SHEET

# OAK CHIPS BLACK PEPPER

Revision No. 0, December 2023; Complies with Reg (EU) 2020/878

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## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE MANIFACTURING COMPANY

**1.1 Product identification**
**Trade name:** Oak Chips Black Pepper
**Chemical name and synonyms:** unroasted oak chips (Quercus)

**1.2 Relevant identified uses of the substance/mixture and uses not recommended**
Food additive, for professional use only.

**1.3 Information about the supplier of the safety data sheet**
essedielle srl
S.P. 538 km. 6,950 - CALDARI
66026 ORTONA (CH)
ITALY
Phone: +39 (0) 85 9031315
Qualified persons responsible for the safety data sheet: laboratorio@essedielle.com

**1.4 Emergency telephone number:** essedielle srl +39 (0) 85 9031315 – 0039 3668134126
Poison Control Center
S.S. Annunziata Hospital – Chieti +39 0871 1551219

## 2. HAZARD IDENTIFICATION

**2.1 Classification of the substance or mixture**
Criteria EC Regulation 1272/2008 (CLP): the product is not considered hazardous according to EC Regulation 1272/2008 (CLP).
Physicochemical effects harmful to human health and the environment: no other hazards

**2.2 Label elements**
Symbols: none
Hazard Statements: none
Cautionary Statements: none
Special Provisions: none
Special provisions according to Annex XVII of REACH and subsequent adaptations: none

**2.3 Other hazards**
vPvB Substances: none - PBT Substances: none
**Other hazards**
No other dangers

## 3. COMPOSITION/INGREDIENT INFORMATION

**3.1 Substances.**
Hazardous components under EC Regulation 1272/2008 (CLP) and their classification: none

**3.2 Mixtures**
No mixtures, pure product.

## 4. FIRST AID MEASURES

**4.1 Description first aid measures**
In case of inhalation: remove the injured person to fresh air. If breathing is difficult give oxygen or practice artificial respiration.

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In case of skin contact: remove contaminated clothing immediately. Instantly wash areas of the body that have come in contact with the toxicant, even if only suspected, with plenty of running water and soap if necessary. Wash the body completely (shower or bath).
In case of eye contact: wash immediately with running water with open eyelids for at least 15 minutes. Consult an ophthalmologist. Protect the uninjured eye.
In case of ingestion: induce vomiting. Seek immediate medical attention, showing the safety data sheet.

## 5. FIRE-FIGHTING MEASURES

**5.1 Extinguishing means**
**Suitable extinguishing means**
Water. Carbon dioxide (CO2).
**Extinguishing media that should not be used for safety reasons**
None in particular

**5.2 Special hazards from combustion products**
It can decompose at high temperatures, releasing toxic gases. Ammoniacal. Phosphorus oxides.

**5.3 Recommendations for fire suppression operators**
Use respiratory protection. Safety helmet and full protective clothing. Water spray can be used to protect people engaged in extinguishing. It is also advisable to use self-contained breathing apparatus, especially if working in enclosed and poorly ventilated places and in any case if using halogenated extinguishing agents (fluobrene, solkane 123, naf etc.). Cool containers with water jets.

**5.4 Other information**
Water used in firefighting that is contaminated with the product should be disposed of in accordance with local regulations.

## 6. MEASURES IN CASE OF ACCIDENTAL RELEASE

**6.1 Personal precautions, personal protective equipment and emergency procedures**
Wear personal protective equipment. Move people to a safe place. Refer to the protective measures set out in section 7 and 8.

**6.2 Environmental precautions**
Prevent penetration into the soil/subsoil. Prevent runoff into surface water or sewage system.

**6.3 Methods and materials for containment and remediation**
Small quantities: wash with plenty of water.

**6.4 Reference to other sections**
See also paragraph 8 and 13.

## 7. HANDLING AND STORAGE

**7.1 Precautions for safe handling**
Do not eat or drink while working.
Also refer to section 8 for recommended protective equipment.

**7.2 Conditions for safe storage, including any incompatibilities**
Incompatible materials: none.
See also section 10 below.

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Indication for premises: suitably ventilated premises.

**7.3 Specific end uses**
Food industries: handle with care. Store in a clean, dry and ventilated environment, away from heat sources and direct sunlight. Keep container tightly closed.
Industrial uses: handle with extreme care. Store in a well-ventilated place and away from heat sources.
Professional uses: handle with caution.

## 8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION

**8.1 Control parameters**
No occupational exposure limits available
Exposure limit values DNEL: N.A.
Exposure limit values PNEC: N.A.

**8.2 Exposure controls**

**Eye protection**
Wear safety glasses with side shields according to EN 166. Operate according to good working practices in any case.

**Skin protection**
No special precautions are required for normal use.

**Hand protection**
Use chemical-resistant protective gloves (EN 374-1/EN374-2/EN374-3) When handling the pure product, wear full skin protection clothing (generic/anti-acid work dress, S3-EN ISO 20345 safety shoes) or other protective equipment as directed by the RSPP.

**Respiratory protection**
During manual operations in case of inadequate ventilation, use mask with dust filter - White, P (EN 143) unless otherwise specified by RSPP and/or environmental hygiene survey assessments.

**Thermal hazards**
None

**Environmental exposure controls**
None

## 9. PHISICAL AND CHEMICAL PROPERTIES

**9.1 Information on general physical and chemical properties**

| | |
|---|---|
| **Appearance** | Brown chips |
| **Shape** | Chips |
| **Color** | Brown |
| **Odor** | Tannin |
| **Olfactory threshold** | None |

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| | |
|---|---|
| **Ph value** | 6.5 sol 5% |
| **CHANGE OF STATE** | |
| **Melting point/interval** | Not determined |
| **Boiling point/interval** | Not determined |
| **Flash point** | Not determined |
| **Flammability (solids, gases)** | Not determined |
| **Auto-ignition temperature** | Not determined |
| **Decomposition temperature** | Higher than 500 °C |
| **Explosive properties** | Non explosive |
| **Lower flammability limits** | 205 °C |
| **Upper flammability limits** | 300 °C |
| **Vapor pressure at 20°C** | Not determined |
| **Density at 20°C** | 0.8 g/cm³ |
| **Relative density** | Not determined |
| **Vapor density at 20°C** | Not determined |
| **Evaporation rate** | Not determined |
| **Solubility in/Miscibility with water** | Non-soluble |
| **Specific rotation** | Not determined |
| **Partition coefficient: n-octanol/water** | Not determined |
| **Dynamic Viscosity at 20 °C** | Not determined |
| **Kinematic Viscosity** | Not determined |

### 9.2 Other information

| | |
|---|---|
| **Molecular mass** | Not determined |
| **Conductivity** | Not determined |
| **Liposolubility** | Not determined |
| **Particular properties groups of substances** | |
| **Other Useful Information** | None |

## 10. STABILITY AND RESPONSIVENESS

### 10.1 Responsiveness
Under normal conditions, it is completely stable to air and light.

### 10.2 Chemical stability
Under normal conditions, it is completely stable to air and light.

### 10.3 Possibility of dangerous reactions
No dangerous reactions.

### 10.4 Conditions to be avoided
None.

### 10.5 Incompatible materials
None.

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**10.6 Hazardous decomposition products**
None.

## 11. TOXICOLOGICAL INFORMATION

**11.1 Information on hazard classes defined in Regulation (EC) No. 1272/2008**
Toxicological information regarding the mixture: the product is non-toxic.

Unless otherwise specified, the data required by Regulation 453/2010/EC below are intended to be undetermined:

(a) acute toxicity: based on available data, the classification criteria are not met.
(b) corrosion / skin irritation: based on available data the classification criteria are not met.
(c) severe eye injury/irritation: based on available data the classification criteria are not met.
(d) respiratory or skin sensitization: based on available data the classification criteria are not met.
(e) germ cell mutagenicity: based on available data the classification criteria are not met.
(f) carcinogenicity: based on available data, the classification criteria are not met.
(g) reproductive toxicity: based on available data the classification criteria are not met.
(h) specific target organ toxicity (STOT) single exposure: based on available data the classification criteria are not met.
(i) specific target organ toxicity (STOT) repeated exposure: based on available data the classification criteria are not met.
(j) aspiration hazard: based on available data the classification criteria are not met.

**11.2 Health hazards**
Eye contact: accidental contact of the product with the eyes may cause irritation.
Skin contact: the product is not an irritant. Repeated and prolonged direct contact may degrease and irritate the skin, causing dermatitis in some cases.
Ingestion: ingested product may cause irritation of the mucous membranes of the throat and digestive tract resulting in abnormal digestive symptoms and intestinal disorders.
Inhalation: prolonged exposures to vapors or mists of the product may cause respiratory tract irritation.

## 12. ECOLOGICAL INFORMATION

**12.1 Toxicity**
**a) Aquatic toxicity (acute)**
Product that poses no special risk to the environment.

**12.2 Persistence and degradability**
Not relevant, inorganic substance.

**12.3 Bioaccumulation potential**
Minimum, not relevant.

**12.4 Mobility in soil**
Data not available.

**12.5 Results of PBT and vPvB assessment**
vPvB substances: none - PBT substances: none

**12.6 Other adverse effects**
None. Phosphate is a plant nutrient and therefore can promote the growth of phytoplankton in water.

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## 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods**
**PRODUCT**
Inorganic product not to be disposed of through biological treatment systems. Dispose of residues in compliance with current regulations through authorized disposers.
Recover if possible. Operate in accordance with current local and national regulations.
**CONTAMINATED PACKAGING**
Empty as best as possible by fully opening them. Dispose of in accordance with the constituent material.

**13.2 HP Phrases**
None.

## 14. TRANSPORTATION INFORMATION

**14.1 UN Number**
Non-dangerous good within the meaning of transport regulations.

**14.2 UN proper shipping name**
N.A.

**14.3 Transport hazard class(es).**
N.A.

**14.4 Packing group**
N.A.

**14.5 Environmental hazards Marine pollutant**
No

**14.6 Special precautions for users**
N.A.

**14.7 Transport of bulk according to MARPOL Annex II and the IBC Code**
N.A.

## 15. REGULATORY INFORMATION

**15.1 Health, safety and environmental regulations and legislation specific to the substance or mixture**
Legislative Decree 3/2/1997 No. 52 (Classification, packaging and labeling of dangerous substances)
Legislative Decree 14/3/2003 No. 65 (Classification, packaging and labeling of dangerous preparations)
D.M. Labor 26/02/2004 (Occupational exposure limits)
Ministerial Decree 03/04/2007 (Implementation of Directive No. 2006/8/EC)
Regulation (EC) No. 1907/2006 (REACH)
Regulation (EC) No. 1272/2008 (CLP)
Regulation (EC) No. 790/2009 (ATP 1 CLP)
Regulation (EU) No 453/2010 (Annex I)
Regulation (EU) No 286/2011 (ATP 2 CLP)
Restrictions on the product or substances contained under Annex XVII of the
Regulation (EC) 1907/2006 (REACH) and subsequent adaptations: None

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Where applicable, please refer to the following regulations:
Ministerial Circulars 46 and 61 (Aromatic Amines).
Legislative Decree No. 238 of September 21, 2005 (Seveso Ter Directive).
EC Regulation No. 648/2004 (Detergents).
Royal Decree January 9, 1927, no. 147 (Toxic Gases)
D.L. 3/4/2006 n. 152 Environmental regulations.

**15.2 Chemical safety assessment**
No

## 16. OTHER INFORMATION

This sheet cancels and replaces any previous edition.

**Main bibliographic sources**
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities.
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition -Van Nostrand Reinold
CCNL - Annex 1
National Institute of Health - National Inventory of Chemical Substances.

The information contained herein is based on our knowledge as of the date above.
It refers only to the product indicated and does not constitute a guarantee of any particular quality.
The user is responsible for ensuring the suitability and completeness of this information in relation to the specific use to be made of it.

**LEGEND SYMBOLS**
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
CAS: Service of the Chemical Abstract (division of the American Chemical Society).
CLP: Classification, Labeling, Packaging.
DNEL: Derived no-effect level.
EINECS: European inventory of existing chemicals on the market.
GefStoffVO: Ordinance on hazardous substances, Germany.
GHS: General harmonized system of classification and labeling of chemicals.
IATA: International Air Transport Association.
IATA-DGR: Regulations for the transportation of dangerous goods of the "International Air Transport Association"(IATA).
ICAO: International Civil Aviation Organization.
ICAO-TI: Technical Instructions of the "International Civil Aviation Organization"(ICAO).
IMDG: International Maritime Dangerous Goods Code.
INCI: International nomenclature of cosmetic ingredients.
KSt: Coefficient of explosion.
LC50: Lethal concentration for 50 percent of the population tested.
LD50: Lethal dose for 50 percent of the population tested.
N.A.: Not Available
PNEC: Predicted no-effect concentration.
RID: Regulations concerning the international transport of dangerous goods by rail.
STE: Short-term exposure.
STEL: Short-term exposure limit.
STOT: Specific target organ toxicity.
TLV: Threshold limit value.
TWATLV: Threshold limit value for an 8-hour weighted average exposure per day. (ACGIH standard).

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WGK: German water hazard class.