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

PVPP TAB

Revision No. 4, October 2022; Complies with Reg (EU) 2020/878

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

1.1 Product identification
Chemical name: Polyvinylpolypyrrolidone E1202
Trade names and synonyms: PVPP TAB
Trade names and synonyms: oenological clarifier
CAS: 25249-54-1

1.2 Relevant identified uses of the substance/mixture and uses not recommended
Clarifiers
Usage sectors: Industrial uses [SU3], Food industries [SU4], Professional uses [SU22].
Product categories: processing aid for oenological use.
Uses not recommended: do not use for uses other than those indicated.

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): not classified

2.2 Label elements
Labeling according to Regulation (EC) 1272/2008 [CLP]: the substance does not have to be labeled according to CLP Regulation (EC) 1272/2008
Symbols: none
Hazard statements:
H315 Causes skin irritation.
H319 Causes severe eye irritation.
Cautionary Statements:
P264 Wash hands thoroughly after use.
P280 Wear protective gloves/protective clothing/eye/face protection.
P302+P352 IF ON SKIN: Wash thoroughly with water.
P305+P351+P338 IF EYE CONTACT: rinse thoroughly for several minutes. Remove any contact lenses if it is convenient to do so. Continue to rinse.
P337+P313 If eye irritation persists, seek medical attention.
P332+P313 If skin irritation occurs seek medical attention.
Special provisions: none
Special provisions according to Annex XVII of REACH and subsequent adaptations: none

2.3 Other hazards
The substance does not meet the criteria for PBT or vPvB classification according to REACH Regulation (EC) 1907/2006.
During handling and use, the product can potentially generate respirable dust.

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The dust may contain respirable crystalline silica. Prolonged or massive inhalation of respirable crystalline silica may cause pulmonary fibrosis, commonly referred to as silicosis.
The main symptoms of pulmonary fibrosis are coughing and difficulty breathing.

3. COMPOSITION/INGREDIENT INFORMATION

3.1 Substances
Chemical name: none (see 3.2)

3.2 Mixtures

Substance	Concentration	Classification	CAS	EINECS	REACh
PVPP	85-95%	None	25249-54-1		No

4. FIRST AID MEASURES

4.1 Description first aid measures
First aid measures in case of inhalation: no actions to be avoided, no special instructions for rescuers.
First aid measures in case of skin contact: none.
First aid measures in case of eye contact: immediately flush with running water with open eyelids for at least 15 minutes. Consult an ophthalmologist. Protect the uninjured eye.
First aid measures in case of ingestion: none.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing means
Suitable extinguishing means
All standard firefighting equipment.
Extinguishing media that should not be used for safety reasons
None.

5.2 Special hazards from combustion products
In case of prolonged exposure or high level of suspended dust, wear respiratory protection in accordance with national legislation.

5.3 Recommendations for fire suppression operators
Avoid dry sweeping by spraying water or using a vacuum system to prevent dust formation. Keep in mind that wet bentonite can be slippery.

5.4 Other information
None.

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 the sewer system.

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

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

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid dust formation. Provide adequate ventilation in rooms where dust is formed. In case of insufficient ventilation, wear suitable respiratory protective equipment.

7.2 Conditions for safe storage, including any incompatibilities
No special precautions are required. Provide proper ventilation and store by preventing accidental damage. Keep away from moisture.

7.3 Specific end uses
No special technical measures or precautions are required. Indicate mode of use before use in case of mixture with other substances.

8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION

8.1 Control parameters
Related to contained substances: PVPP
No data available

8.2 Exposure controls
Observe safety measures when handling chemicals.

Appropriate engineering controls
Food industries: no specific control provided (act according to correct practice and specific regulations provided for the type of associated risk).
Industrial uses: no specific control provided (act according to correct practice and specific regulations provided for the associated type of risk).
Professional uses: no specific control provided (act according to correct practice and specific regulations provided for the associated type of risk).

Individual Protection Measures
Eye protection
When handling the pure product, use safety glasses (caged goggles) (EN 166).

Skin protection
Wear clothing to fully protect the skin when handling the pure product.

Hand protection
Use chemical-resistant protective gloves (EN 374-1/EN374-2/EN374-3) when handling the pure product.

Respiratory protection
Not necessary when adequate ventilation is provided. Alternatively, use protective mask.

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Thermal hazards
None.

Environmental exposure controls
None.

Related to contained substances
POLYVINYLPOLYPYRROLIDONE (PVPP):

Hand protection
Wear protective gloves.

Eye protection
Safety glasses.

Respiratory protection
Work in well-ventilated areas. Wear respirator when exposure exceeds applicable limits.

9. PHISICAL AND CHEMICAL PROPERTIES

9.1 Information on general physical and chemical properties

Appearance	Pads
Shape	Spherical pads
Color	White
Odor	Vinyl
Olfactory threshold	Not determined
Ph value	6.5 sol 1%
CHANGE OF STATE	
Melting point/interval	Not determined
Boiling point/interval	Not determined
Flash point	Non flammable
Flammability (solids, gases)	Non flammable
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Explosive properties	Non explosive
Lower flammability limits	Greater than 150 °C
Upper flammability limits	Not determined
Vapor pressure at 20°C	Not determined
Density at 20°C	Not determined
Relative density	0.2 g/cm^3 at 20°C
Vapor density at 20°C	Not determined
Evaporation rate	Not determined
Solubility in/Miscibility with water	Not determined
Specific rotation	Not determined
Partition coefficient: n-octanol/water	Not determined
Dynamic Viscosity at 20 °C	Not determined
Kinematic Viscosity	Not determined

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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
Stable under normal conditions.

10.4 Conditions to be avoided
Stable under normal conditions.

10.5 Incompatible materials
None.

10.6 Hazardous decomposition products
None.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

(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

Toxicological information regarding the main substances in the mixture
Related to contained substances: POLYVINYLPOLYPYRROLIDONE (PVPP)
Acute oral toxicity: > 5000 mg/kg (rat)
Eye irritation: non-irritant (rabbit).
Mutagenicity: non-mutagenic.
Carcinogenicity: no component of this product present at a level greater than or equal to 0.1% is identified as a cangerogenic agent by NTP. No component of this product present at a level greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC. No component of this product present at a level greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
(a) Acute aquatic toxicity
Use according to good working practices, avoiding spillage into the environment.
Related to contained substances: POLIVINYLPOLYPYRROLIDONE (PVPP):
Juvenile Turbot: 96-hr. LC50 > 1,000 mg/L
Corophium Volutator: 10-day LC50 > 1,000 mg/L
Seaweed: 72-hr. EC50 > 1,000 mg/L

12.2 Persistence and degradability
Not readily biodegradable (about 11% in 28 days).

12.3 Bioaccumulation potential
Not relevant for inorganic substances.

12.4 Mobility in soil
Not determined.

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

12.6 Other adverse effects
No adverse effects found. According to the criteria of the European classification and labeling system, the substance does not require classification as environmentally hazardous.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
PRODUCT
Inorganic product not to be disposed of through biological treatment systems. Dispose of residues in accordance 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

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14. TRANSPORTATION INFORMATION

14.1 UN number
Non-dangerous goods within the meaning of transport regulations.

14.2 UN shipping name
N.A.

14.3 Transport hazard class(es)
N.A.

14.4 Packing group
N.A.

14.5 Environmental hazards Marine pollutant
N.A.

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 laws and regulations 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 related to the product or the contained substances according to Annex XVII of Regulation (EC) 1907/2006 (REACH) and subsequent adaptations: none
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 No. 147 of January 9, 1927 (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.

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This document was prepared by a technician competent in SDS and who has received appropriate training.
The information contained herein is based on our knowledge as of the date above.
It relates only to the product indicated and does not constitute a guarantee of any 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.

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
Istituto Superiore di Sanità - National Inventory of Chemical Substances.

LEGENDA SIGLES

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 Commercial Chemical Substances.
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 Transport 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).
WGK: German water hazard class.