essedielle
ENOLOGIALIMENTAZIONE
SISTEMA DI GESTIONE PER LA SICUREZZA ALIMENTARE
CERTIQUALITY
UNI EN ISO 22000:2018
OPERATORE CONTROLLATO S 1262
CERTIFICATO ICEA BIOLOGICO
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

LIPOAROMA PEPPER

Revision No. 6, November 2023; Complies with Reg (EU) 2020/878

INDEX

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE MANIFACTURING COMPANY 2
2. HAZARD IDENTIFICATION 2
3. COMPOSITION/INGREDIENT INFORMATION 2
4. FIRST AID MEASURES 2
5. FIRE-FIGHTING MEASURES 3
6. MEASURES IN CASE OF ACCIDENTAL RELEASE 3
7. HANDLING AND STORAGE 3
8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION 4
9. PHISICAL AND CHEMICAL PROPERTIES 5
10. STABILITY AND RESPONSIVENESS 6
11. TOXICOLOGICAL INFORMATION 6
12. ECOLOGICAL INFORMATION 6
13. DISPOSAL CONSIDERATIONS 7
14. TRANSPORTATION INFORMATION 7
15. REGULATORY INFORMATION 8
16. OTHER INFORMATION 8

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

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

1.1 Product identification
Trade name: Lipoaroma pepper

1.2 Relevant identified uses of the substance/mixture and uses not recommended
Food uses.

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
The product is not considered hazardous according to EC Regulation 1272/2008 (CLP).

2.2 Label elements
Danger
Indications of Danger: none
Cautionary Statements: none
Special provisions according to Annex XVII of REACH and subsequent adaptations: none

2.3 Other hazards
vPvB Substances: none - PBT Substances: none

3. COMPOSITION/INGREDIENT INFORMATION

3.1 Substances
Trade name: Lipoaroma garlic

3.2 Mixture

Substance	Concentration	CAS	No. E
Lipoaroma garlic		121-33-5	

4. FIRST AID MEASURES

4.1 Description first aid measures
In case of inhalation: take the casualty to fresh air. If breathing is difficult give oxygen or give artificial respiration.
In case of skin contact: remove contaminated clothing immediately. Wash immediately with plenty of running water and soap, if necessary, the areas of the body that have come in contact with the toxicant, even if only suspected. Wash the body completely (shower or bath).

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

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: rinse the mouth with plenty of water. Make the subject drink plenty of water. Do not induce vomiting. Seek medical advice.

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
If heated or in the event of fire, the product may develop toxic fumes.
In the event of fire, the following can be released:
- Carbon monoxide (CO);
- CO2.

5.3 Recommendations for fire suppression operators
Specific protective equipment
Wear a self-contained breathing apparatus.
Wear full protective suits.
Other information
Cool endangered containers with a jet of water.

6. MEASURES IN CASE OF ACCIDENTAL RELEASE

6.1 Personal precautions, personal protective equipment and emergency procedures
Wear protective equipment. Keep unequipped persons away.
In the case of vapours/dust/aerosols wear respiratory protection.
High slip hazard due to spillage and spreading of product.

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
Collect the liquid with absorbent material (sand, tripoli, acid binder, universal binder, sawdust).
Carry out recovery or disposal in suitable tanks.
Dispose of contaminated material in accordance with point 13. Carefully clean up the site of the accident. Dilute thoroughly with water.

6.4 Reference to other sections
For information on safe handling, see Chapter 7.
For information on personal protective equipment see Chapter 8.
See Chapter 13 for information on disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling
Keep containers tightly closed.
Ensure good ventilation even at floor level (vapors are heavier than air).

7.2 Conditions for safe storage, including any incompatibilities
Keep away from heat sources, do not smoke.
Protect from heat.

8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION

8.1 Control parameters
No occupational exposure limits available

GLYCEROL								
Fresh water:				0,118 mg/l				
Sea water:				0,0118 mg/l				
Sediment (fresh water):				58,22 mg/kg				
Sediment (seawater):				5,822 mg/kg				
Soil:				11,54 mg/kg				
STP:				10 mg/l				
Health - Derived No-Effect Level - DNEL / DMEL								
	Effects on consumers.				Effects on workers			
Route of exposure	Local acute	Acute systemic	Local chronic	Chronic systemic	Local acute	Acute systemic	Local chronic	Chronic systemic
Inhalation					10 mg/m3			

8.2 Exposure controls

Individual protective equipment
General protective and occupational hygiene rules. Observe the usual safety measures when handling chemicals. Wash hands before breaks or when work is finished. Remove contaminated clothing immediately. Keep away from food, drink and feed.
Do not inhale gases/vapors/aerosols. Avoid contact with eyes and skin. Clean skin thoroughly immediately after handling the product.

Protective mask
Use protective mask in insufficiently ventilated areas.
P filter

Protective gloves
The glove material must be impermeable and stable against the product/substance/formulation. Check before each use that the protective gloves are in their proper condition. Selection of glove material in consideration of penetration times, permeation rates and degradation.
Due to the lack of tests, no glove material can be recommended for handling the product/formulation/chemical mixture.

Glove material
EN374
Natural gum (Latex)
Neoprene gloves
PVC gloves
Recommended material thickness: ≥ 0.35 mm
The choice of suitable gloves depends not only on the material but also on other quality characteristics that vary from one manufacturer to another.
Breakthrough time of the glove material
For the mixture of chemicals named below the breakthrough time must be at least 120 minutes (Permeation according EN 374-3 3: Level 4).
Ask the glove supplier for the exact breakthrough time which must be observed.

Protective goggles
EN 166
Tightly sealed goggles

9. PHISICAL AND CHEMICAL PROPERTIES

9.1 Information on general physical and chemical properties

Appearance	Reddish-dark liquid
Shape	Liquid
Color	Reddish
Odor	Pepper
Olfactory threshold	Not determined
Ph value	Not determined
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	Not determined
Explosive properties	Non explosive
Lower flammability limits	Not determined
Upper flammability limits	Not determined
Vapor pressure at 20°C	Not determined
Density at 20°C	Not determined
Relative density	Not determined
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

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

10. STABILITY AND RESPONSIVENESS

10.1 Responsiveness
Not determined.

10.2 Conditions to be avoided
Not determined,

10.3 Incompatible materials
Not determined,

10.4 Hazardous decomposition products
Not determined,

11. TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes defined in Regulation (EC) No. 1272/2008
Toxicological information regarding the mixture: the product is not toxic.
Anidride solforosa: LD50 (oral,rat) = 2300 mg/Kg

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

ATE (mix) oral = ∞
ATE (mix) dermal = ∞
ATE (mix) inhal = ∞

(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.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
Tossicità acquatica:
EC 50 (24 h) >10000 mg/l (daphnia magna)
EC 50 (3 h) >1000 mg/l (Activated Sludge) (OECD 209)
LC 50 (96 h) >1000 mg/l (fish)
54000 mg/l (Oncorhynchus mykiss)
≥ 885 mg/l (Pimephales promelas)
>1000 mg/l (/) (other aquatic organisms)
54000 mg/l (Salmo gairdneri)
LC 50 (48 h) 1955 mg/l (daphnia magna)

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

12.2 Persistence and degradability
Degree of elimination:
OECD 301 D 82 % (/) (20d)

12.3 Bioaccumulation potential
Based on the n-octanol/water distribution coefficient, no significant accumulation in organisms is to be expected.

12.4 Mobility in soil
No further information available.
Additional environmental information:
CBS values: 1.16 g O2/g (ISO 15705)
BSB5 values: 0.87 g O2/g
Further indications
Water hazard class 1 (D) (Classification according to lists): slightly hazardous for water.
Do not allow to enter ground water, water course or sewage system.

12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

12.6 Other adverse effects
No information is available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
PRODUCT
Do not dispose of the product together with household waste. Do not allow to enter drains.
CONTAMINATED PACKAGING
Dispose of in accordance with the constituent material.

13.2 HP Phrases
None

14. TRANSPORTATION INFORMATION

14.1 UN Number
N.A.

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.

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

147 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
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.

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

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).
WGK: German water hazard class.