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

NEUTRACID CLEAN SPECIAL

Revision No. 1, September 2025; 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 names and synonyms: Neutracid Clean Special
Unique identification code UFI: RD10-10GK-X00H-8FRJ

1.2 Relevant identified uses of the substance/mixture and uses not recommended:
Concentrated cleaner.

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): hazard, Eye Dam. 1, Causes serious eye injury.
EUH031: contact with acids liberates toxic gas.
Physicochemical effects harmful to human health and the environment: no other hazards.

2.2 Label elements
Symbols:

Warning: danger

Indications of Danger
H318 Causes severe eye injury.
Cautionary Statements:
P280 Protect eyes/face: wear goggles with side protection.
P305+P351+P338 IF IN EYES: rinse thoroughly for several minutes. Remove any contact lenses if it is convenient to do so. Continue to rinse.
P310 Contact a physician immediately.
Special Provisions:
EUH031: Contact with acids liberates toxic gas.
Contains: POTASSIUM METABISULFITE
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 hazards

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3. COMPOSITION/INGREDIENT INFORMATION

3.1 Substances
Trade names and synonyms: Neutracid Clean Special

3.2 Mixtures

Substance	Concentration	Classification	CAS	EINECS	REACH
Potassium metabisulfite	10- 20%	3.3/1 Eye Dam. 1 H318 EUH 031	16731-55-8	240-795-3	01-2119537422-45-XXXX
Citric Acid	10 – 20%	5949-29-1	201-069-1	01-2119457026-42-XXXX	Eye Irrit. 2, H319
Ascorbic Acid	10 – 20%	3.3/1 Eye Dam. 1 H318	50-81-7	200-066-2.	Eye Irrit. 2, H319

4. FIRST AID MEASURES

4.1 Description first aid measures
In case of inhalation: remove the casualty to fresh air. If breathing is difficult give oxygen or practice artificial respiration.
In case of skin contact: remove contaminated clothing immediately. Immediately 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 MSDS.

4.2 Main symptoms and effects, both acute and delayed
None.

4.3 Indication of any need for immediate medical attention and special treatment
In case of accident or malaise, seek immediate medical attention (show directions for use or MSDS if possible).

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
Do not inhale the gases produced by the explosion and combustion.

5.3 Recommendations for fire suppression operators
Employ appropriate respiratory equipment. Collect contaminated water used to extinguish the fire separately. Do not discharge it into the sewer system. If feasible from a safety standpoint, move undamaged containers from the immediate danger area.

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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. Retain contaminated wash water and dispose of it. In case of leakage or penetration into waterways, soil or sewage system, inform responsible authorities.
Suitable material for collection: absorbent material, organic, sand.

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 breathe in the dust. See also section 8 below. Do not use empty containers before they have been cleaned. Make sure there are no remaining incompatible materials in the containers before transfer operations. Contaminated clothing should be replaced before entering dining areas. 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
The product is afraid of moisture. Store in a dry environment. Keep away from food, drink and feed. Incompatible materials: Keep away from acids. Keep away from oxidizing agents
Indication for premises: Suitably ventilated premises.

7.3 Specific end uses
No specific end uses.

8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION

8.1 Control parameters
POTASSIUM METABISULFITE
ACGIH - STEL: 0.25 ppm - Notes: (SO2)
EU - TWA: 0.5 ppm - STEL: 1 ppm - Notes: (SO2)

DNEL exposure limit values
Industrial worker: 263 mg/m3
Exposure: Human Inhalation
Frequency: Long-term, systemic effects
Consumer: 78 mg/m3
Exposure: Human Inhalation
Frequency: Long-term, local effects
Consumer: 10 mg/kg

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Exposure: Oral Human
Frequency: Long term, local effects

PNEC exposure limit values
Target: Freshwater - Value: 1.17 mg/l
Target: Seawater - Value: 0.12 mg/l
Target: Microorganisms in wastewater treatment - Value: 88.1 mg/l

CITRIC ACID
(a) Acute toxicity: not classified
Based on available data, the classification criteria are not met.
Test: LD50 - Route: Oral - Species: Rat = 11700 mg/kg - Notes: (Citric Acid Monohydrate)
Test: LD50 - Route: Intraperitoneal - Species: Rat = 725 mg/kg - Notes: (Citric Acid Monohydrate)
Test: LD50 - Route: Oral - Species: Rat = 5400 mg/kg - Notes: (Citric Acid Monohydrate)
Test: LD50 - Route: Intraperitoneal - Species: Mouse = 940 mg/kg - Notes: (Citric Acid Monohydrate)
Test: LD50 - Route: Intravenous - Species: Mouse = 42 mg/kg - Notes: (Citric Acid Monohydrate)
Test: LD50 - Route: Skin - Species: Rat > 2000 mg/kg - Notes: (Citric Acid Monohydrate)
(b) corrosion/dermal irritation: not classified
Based on available data, the classification criteria are not met.
Test: Irritating to eyes - Species: Rabbit Positive - Notes: (Citric Acid Monohydrate)
Test: Irritating to skin - Route: Skin - Species: Rabbit Negative

8.2. Exposure controls
Eye protection
Goggles with side protection. Operate according to good work practices in any case.

Skin protection
Wear clothing that provides total protection for the skin, e.g., cotton, rubber, PVC or viton.

Hand protection
Use protective gloves that provide full protection. Suitable material: UNI EN 420/UNI EN 374.

Respiratory protection
Dust filtration device (DIN EN 143).

Thermal hazards
None

Environmental exposure controls
None

9. PHISICAL AND CHEMICAL PROPERTIES

9.1 Information on general physical and chemical properties

Appearance	Colorless liquid
Shape	Liquid
Color	Colorless
Odor	Pungent
Olfactory threshold	Not determined
Ph value sol 5%	2.1
CHANGE OF STATE	
Melting point/interval	Not available

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Boiling point/interval	Not available
Boiling range	Not available
Flash point	Not available
Evaporation rate	Not available
Flammability (solids, gases)	Not available
Auto-ignition temperature	Not determined
Decomposition temperature	Not determined
Explosive properties	Not determined
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	1.20 Kg /dm³
Vapor density at 20°C	Not determined
Evaporation rate	Not determined
Solubility in/Miscibility with water	Completely miscible
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	None
Other Useful Information	None

10. STABILITY AND RESPONSIVENESS

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

10.2 Chemical stability
Under normal conditions, it is completely stable in 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.

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11. TOXICOLOGICAL INFORMATION

11.1 Toxicological information regarding the mixture
Toxicological information regarding the substance:
POTASSIUM METABISULFITE E202
CAS Number: 16731-55-8

(a) acute toxicity: not classified. Based on available data, the classification criteria are not met. Test: LD50 - Route: Oral - Species: Rat = 2300 mg/kg
(b) corrosion/dermal irritation: not classified. Based on available data, the classification criteria are not met.
(c) Serious eye injury/serious eye irritation: product is classified: Eye Dam. 1 H318
(d) respiratory or skin sensitization: not classified
(e) germ cell mutagenicity: not classified
(f) carcinogenicity: not classified
(g) reproductive toxicity: not classified
(h) specific target organ toxicity (STOT) - single exposure: not classified
(i) specific target organ toxicity (STOT) - repeated exposure: not classified
(j) aspiration hazard: not classified

11.2.1 Endocrine-disrupting properties
Does not contain an endocrine disruptor (ED) at a concentration of ≥ 0.1%.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
Use according to good working practices, avoiding dispersing the product in the environment.
POTASSIUM METABISULFITE
Not classified for environmental hazards. Based on available data, the classification criteria are not met.
Acute Aquatic Toxicity:
Endpoint: LC50 - Species: Fish = 460-1000 mg/l - Duration h: 96
Endpoint: EC50 - Species: Bacterium = 65 mg/l - Lifetime h: 17

12.2 Persistence and degradability
N.A.

12.3 Bioaccumulation potential
N.A.

12.4 Mobility in soil
N.A.

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

12.6 Other adverse effects
None.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
PRODUCT
Dispose of residues in accordance with current regulations through authorized disposers. Recover if possible. Operate in accordance with current local and national regulations.

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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 goods 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
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 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)
EC Regulation 830/2015
Regulation (EU) No 286/2011 (ATP 2 CLP)
Regulation (EU) No. 618/2012 (ATP 3 CLP)
Regulation (EU) No. 487/2013 (ATP 4 CLP)
Regulation (EU) No. 944/2013 (ATP 5 CLP)
Regulation (EU) No. 605/2014 (ATP 6 CLP)
Regulation (EU) No 2015/1221 (ATP 7 CLP)
Restrictions related to the product or substances contained according to 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)

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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.

This document has been prepared by a technician who is competent in SDS and has received appropriate training according to current regulations EC Reg. 830/2015.

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 carriage 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.