



SAFETY DATA SHEET

ClarNOF

Section 1: Identification of the Substance and of the Company

1.1 Product Identifier:

Product Name: ClarNOF
Synonyms: ULTRAROM GEL
CAS Number: N/A

1.2 Relevant Identified uses of the Substance and Uses Advised Against:

Relevant Identified Uses: enological use.

1.3 Details of the Supplier of the Safety Data Sheet:

Supplier: ATPGroup
2 Madison Ave.
Larchmont, NY 10538 USA
Telephone: 914-834-1881
Fax: 914-834-4611
www.atpgroup.com

1.4 Emergency Telephone Number

Telephone 800-424-9300 – CHEMTREC (24/7) – within USA & Canada
914-834-1881 – ATPGroup

Section 2: Hazards Identification

2.1 Classification of the Substance:

Directive CE 1272/2008 (CLP): No particular hazard in the normal condition of use.

2.2 Label Elements:

According to EC REG. No. 1272/2008 (CLP)

Hazard Pictogram: None



Signal Word: None

Hazard Statements: None

Precautionary Statements: None

2.3 Other Hazards:

None.

Section 3: Composition/Information on Ingredients

3.1 Chemical Characteristics/Substances

Potassium Metabisulfite E224

Commercial Name: Potassium Metabisulfite

CAS #: 16731-55-8

EC#: 240-795-3

Other Ingredients Not dangerous:

< 1% Citric Acid

<1.25% Potassium Alginate

< 1.25% vegetable protein in compliance with
International codex OIV

3.2 Mixture

There are no substances in concentration that are dangerous for health

Section 4: First Aid Measures

4.1 Description of First Aid

Skin Contact: Wash thoroughly with soap and water

Eye Contact: Immediately rinse with plenty of water for at least 10 minutes

Ingestion: If swallowed in large amounts, drink plenty of water and seek medical advice.

Inhalation: Ventilate the area. Immediately move the patient to a well ventilated area. If you feel unwell seek medical advice.



4.2 Most Important Symptoms and Effects, both Acute and Delayed

No data available

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

In case of doubt seek medical advice

Section 5: Fire-fighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media: Water spray, or carbon dioxide.

Unsuitable Extinguishing Media for Safety Concerns: No data available

5.2 Special Hazards Arising from the Substance

Do not inhale explosion and combustion gases, burning produces heavy smoke.

5.3 Advice for Firefighters

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Section 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Non-Emergency Personnel: move away from the area surrounding the spill or release. No smoking. Wear appropriate protective equipment (see section 8).

Emergency Personnel: ventilate area, wear appropriate protective equipment (see section 8), avoid breathing the dust and contact with eyes. No smoking. Evacuate the danger area and, if necessary, consult an expert.

6.2 Environmental Precautions

Limit spills with earth or sand. If the product has escaped into a water course, into the drainage system, or it has contaminated the ground or vegetation, notify the competent authorities. Dispose of waste in compliance with current local regulations.



6.3 Methods and Material for Containment and Cleaning Up

Collect the spilled material in appropriate containers for reclamation or disposal in accordance with local rules. Absorption by an inert material may be necessary. Flush area with water.

6.4 Reference to Other Sections

See Section 8 or 13

Section 7: Handling and Storage

7.1 Precautions for Safe Handling

Follow appropriate Good Manufacturing Practices. Avoid contact, inhalation, and ingestion. See also section 8.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Keep in a tightly closed container. Do not store in unlabeled containers. Protect from physical damage. Store in a cool, dry, ventilated area away from sources of heat/ignition, moisture, direct sunlight, extreme cold, and incompatibilities.

7.3 Specific End Uses

See 1.2

Section 8: Exposure Controls/Personal Protection

8.1 Control Parameters

No Data available

8.2 Exposure Controls

Appropriate Engineering Controls: Provide ventilation system; in general dilution ventilation is a satisfactory health hazard control for this substance. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

Personal Protective Equipment (PPE):

Personal Respirators (NIOSH Approved): Recommended

Skin Protection: Gloves and protective clothing to prevent contact.



Eye Protection: Use chemical safety goggles with side shields (ref. EN 166). Maintain eye wash fountain and quick-drench facilities in work area.

Hygiene Measures: Handle with accordance with good industrial hygiene and safety practice. Wash your hands before breaks and at the end of the workday. Keep away from food and drink. Wash work clothing and PPE periodically to remove contaminants.

Section 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance: Powder

Odor: Typical

Odor Threshold: N/A

pH: 7.5 – 8 max (sol 5%)

Solubility: insoluble in water

Initial boiling point: N/A

Flammability: Not flammable **Upper Limit:** N/A **Lower Limit:** N/A

Evaporation Rate: N/A

Steam Pressure: N/A

Density: N/A

Partition Coefficient: n-Octanol/water: N/A

Viscosity: N/A

Temperature Break down: N/A

Temperature of auto-flammability: N/A

Explosive properties: N/A

Oxidizing properties: N/A

Section 10: Stability and Reactivity

10.1 Reactivity

The product is not reactive

10.2 Chemical Stability

Stable under ordinary conditions of use and storage

10.3 Possibility of Hazardous Reactions

Strong acids can develop in the presence of Sulphur dioxide

10.4 Conditions to Avoid



Heat, flames, ignition sources, incompatible materials, and moisture

10.5 Incompatible Materials

None

10.6 Hazardous Decomposition Products

None known under normal conditions of use. When heated or in the event of fire may be released and vapors which are dangerous to health.

Section 11: Toxicological Information

11.1 Information on Toxicological Effects

Acute Toxicity:

Non-toxic product, unless otherwise specified. The data required by regulation 453/2010/CE below to be considered NOT APPLICABLE (N/A)

Unless otherwise specified, the data required by Regulation 453/2010 / EC listed below are considered NOT APPLICABLE (N.A.)

1. Acute Toxicity
2. Skin Corrosion/Irritation
3. Serious Eye Damage/Irritation
4. Respiratory or Skin Sensitization
5. Germ Cell Mutagenicity
6. Reproductive Toxicity
7. STOT-Single Exposure
8. STOT-Repeated Exposure
9. Aspiration Hazard
10. Information on Likely Routes of Exposure

-----\Cancer Lists\-----			
---NTP Carcinogen---			
Ingredient	Known	Anticipated	IARC Category
Fungal Chitosan by Micelium	No	No	None

Section 12: Ecological Information

12.1 Toxicity

Adopt good working practices, avoid release of product into the environment.

12.2 Persistence and Degradability

None



12.3 Bioaccumulative Potential

N/A

12.4 Mobility in Soil

N/A

12.5 Results of PBT and vPvB Assessment

N/A

Section 13: Disposal Considerations

13.1 Waste Treatment Methods

Waste treatment method, recovery as far as possible, washing with pressurized water. Residues on the floor can be removed with water and disposed of in the urban drain. The product is totally biodegradable.

Section 14: Transport Information

Not regulated. Not a Hazardous Material

Section 15: Regulatory Information

15.1 Standards and legislation, health legislation specific for the substance / mixture

N/A



Section 16: Other Information

D.Lgs 9/4/2008 n.81

D.M. Lavoro 26/02/2004

Reg. (CE) n. 1907/2006 (REACH)

Reg. (CE) n. 1272/2008 (CLP)

Reg. (CE) n. 790/2009 (ATP 1 CLP) e (UE) n. 758/2013

Reg. (UE) n. 830/2015

Reg. (UE) n. 286/2011 (ATP 2 CLP)

Reg. (UE) n. 618/2012 (ATP 3 CLP)

Reg. (UE) n. 487/2013 (ATP 4 CLP)

Reg. (UE) n. 944/2013 (ATP 5 CLP)

Reg. (UE) n. 605/2014 (ATP 6 CLP)

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