

SAFETY DATA SHEET CLARIFIANT NAT

version : EN/20-08-21/B

page : 1/3

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

Product name: CLARIFIANT NAT

1.2. Relevant identified uses of the substance or mixture and uses advised against

Oenological use

1.3. Details of the supplier of the safety data sheet

Company details: Institut Œnologique de Champagne
Z.I. de Mardeuil – Allée de Cumières – BP 25
51201 EPERNAY Cedex
FRANCE
Tel: + 33 (0) 3.26.51.96.00.
Fax: + 33 (0) 3.26.51.02.20.
fds@iocwine.com

1.4. Emergency telephone number

112

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Data not available

2.2. Label elements

Not applicable.

2.3. Other hazards

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

3.2. Mixtures

Usual chemical name: Montmorillonite / citric acid / sulphur dioxide

Synonym(s): Bentonite / - / -

CAS registry n°: 1302-78-9 / 5949-29-1 / 7446-09-5

Components presenting hazards: Crystalline silica: - Cristobalite : < 1 % CAS registry n°: 14464-46-1
- Quartz : < 0.5 % CAS registry n°: 14805-60-7

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

In case of inhalation: If large quantities of dust are inhaled, take affected person to clean air, rinse throat thoroughly with drinking water.

In case of contact with skin: Wipe and wash immediately with water.

In case of contact with eyes: Wash open eyes immediately and thoroughly with water for at least 15 minutes (to eliminate dust). Refer to a specialist if necessary.

In case of ingestion: Immediately rinse the mouth with water and drink large quantities of water.

4.2. Most important symptoms and effects, both acute and delayed

Data not available

4.3. Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: Non-combustible product.

Use suitable means for fighting neighbouring fires

5.2. Special hazards arising from the substance or mixture

No data available

5.3. Advice for firefighters

Special protective equipment - self- protection device

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Dust mask recommended.

6.2. Environmental precautions

Avoid dispersion through air flow

6.3. Methods and material for containment and cleaning up

Vacuum up the product or use another means that prevents dust formation

6.4. Reference to other sections

See Sections 8 and 13 for disposal of the substance

SAFETY DATA SHEET CLARIFIANT NAT

version : EN/20-08-21/B

page : 2/3

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Technical measures: Provide cold water points and eye wash facilities close by

Avoiding exposure by workers: Avoid dust formation and dispersion in the atmosphere

Other precautions: Do not inhale the dust.

7.2. Conditions for safe storage, including any incompatibilities

Store at room temperature in a dry environment away from humidity.

7.3. Specific end use(s)

Recommended packaging material: Paper bags.

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1. Control parameters

See section 15.

8.2. Exposure controls

Respiratory protection: Dust mask if necessary.

Protection of eyes: Safety glasses.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance : Liquid at 20 ° C

Odour : Odourless

Odour threshold : No data available

pH: 4 - 5.5

Melting / freezing point : No data available

Initial boiling point and boiling range : No data available

Flash point: No data available

Evaporation rate: No data available

Flammability (solid, gas): No data available

Upper/lower flammability or explosive limits: No data available

Vapour pressure: No data available

Vapour density: No data available

Relative density: No data available

Solubility(ies): No data available

Partition coefficient: n-octanol/water: No data available

Auto-ignition temperature: No data available

Decomposition temperature: No data available

Viscosity: No data available

Explosive properties: No data available

Oxidising properties: No data available

9.2. Other information

SECTION 10. STABILITY AND REACTIVITY

10.1. Reactivity

None

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

Dangerous reactions with acids, oxidizing agents, nitrites and nitrates

10.4. Conditions to avoid

Humidity

10.5. Incompatible materials

None

10.6. Hazardous decomposition products

Sulphur Dioxide

SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Ways of penetration:

Inhalation : Yes

SAFETY DATA SHEET CLARIFIANT NAT

version : EN/20-08-21/B

page : 3/3

Ingestion : Unprobable event

Contact : Yes

Acute toxicity: Data non available in « Sax's dangerous properties –1993 »

Consequences of inhalation: Irritation of the respiratory tracts.

Local effect on skin: Irritation- Sensitizing at the individuals allergic to the product

Local effect on eyes: Irritation.

SECTION 12. ECOLOGICAL INFORMATION

12.1. Toxicity

May cause a reduction of the oxygen level and an increase of the level of ammoniac if poured in water, with negative effects on living organisms

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

No data available

12.6. Other adverse effects

No data available

SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Products or residues: Inorganic product not to evacuate by the systems of biological treatment. Remove according to the local regulations. By the means of authorized companies of removal.

Soiled packing: As well as possible to empty packing by opening them completely. To evacuate according to their constitution.

SECTION 14. TRANSPORT INFORMATION

14.1. UN number

Product non subjected to standards ADR/RID and IMO, relating to road and maritime transport of dangerous matters, also if it is specifically nominated on the basis of criterion of the paragraphs (3) and (5) from marginal the 2800 ADR/RID and of the paragraph 2.1.4.3. – Classe 8 of IMDG code.

14.2. UN proper shipping name

No data available

14.3. Transport hazard class(es)

No data available

14.4. Packing group

No data available

14.5. Environmental hazards

No data available

14.6. Special precautions for user

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not applicable

15.2. Chemical safety assessment

Product not concerned by labelling of hazardous products

SECTION 16. OTHER INFORMATION

change a substance of the formulation, compliance with Regulation (EU) No 453/2010 of 20 May 2010

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