

MATERIAL SAFETY DATA SHEET

Translation from MSDS in Dutch language.

1. Product name and manufacturer

1.1. Product name : Molasse

1.2. Manufacturer : Ranschaert bvba, Bevrijdingslaan 8-10, B – 8700 Tielt

1.3. Telephone : 0032/ 51500800

2. Composition and information on ingredients

hazardous ingredients	CAS-nr	concentration	hazard symbol	R-sentences
<i>no hazardous ingredients</i>	-	-	-	-

3. Risks *not a hazardous product*

4. First-aid measure

4.1. In case of eye contact : *wash with plenty of water. Consult doctor if irritation persists.*

4.2. In case of skin contact : *wash with plenty of water and soap.*

4.3. In case of inhalation : *not possible*

4.4. In case of swallow : *induce vomiting. Consult doctor immediately.*

5. Fire-fighting measure

5.1. Extinguish with : *Water, CO₂ or other similar products*

5.2. Products to avoid : *none*

5.3. Special risks : *none*

5.4. Special clothes recommended : *none*

6. Accidental release measure

6.1. Towards individuals : *wash hands and body with plenty of water and soap*

6.2. Towards environment: *sweep or scoop up and collect for disposal. Flush area with lots of water. Avoid contamination of streams and waterways.*

6.3. Cleaning empty bottle : *rince with water and use as fertilizer*

7. Handling and storage

7.1. Handling : *no special precautions needed*

7.2. Storage : *store in a cool, dry place. Keep away from other chemicals.*

8. Exposure control / personal protection

8.1. Respiratory protection : *not needed*

8.2. Ventilation : *not needed*

8.3. Protective gloves : *optional*

8.4. Eye protection : *optional*

9. Physical and chemical properties

9.1. Appearance : *dark brown liquid product*

9.2. Odour : *little organic odour*

9.3. pH (concentrated) : 6,0 – 6,8
pH (10 %-water solution) : 6,5 – 6,8

9.4. Boiling point : *n.a.*

9.5. Melting point : *n.a.*

9.6. Evaporation rate : *n.a.*

9.7. Vapor pressure : *n.a.*

9.8. Specific gravity : *1210 g/kg*

9.13. Solubility :
- in water : 100 %

10. Stability and reactivity

10.1. Stability : *stable under normal conservation conditions*

10.2. Conditions to avoid : *high (> 90 °C) and low (< 0 °C) temperatures*

10.3. Incompatibility : *strong acids; oxidizing molecules.*

10.4. Hazardous decomposition and by-products : *heat and mixing with incompatible products can release NOx.*

11. Toxicological information

11.1. Symptoms of exposure :

- in case of eye contact : *irritation*
- in case of skin contact : *very slight irritation in case of sensitive skin*
- in case of inhalation : *not possible*
- in case of swallow : *nausea*

11.2. Carcinogenic : n.a.

11.3. Toxicity :

- Oral (LD-50 rat) : n.a.
- Dermal (LD-50 rabbit) : n.a.
- Inhalation (LC-50 4h) : n.a.

12. Environmental information

12.1. Watertoxicity : *inducing growth of algae*

12.2. Environmental effects : *increases fertilizer content of soils*

12.3. Decomposition : *easily by micro-organisms*

12.4. Bio-accumulation : *none*

13. Disposal consideration

Waste material should be dumped under condition which meet all federal, state and local environmental control regulations

14. Transportation Information

14.1. Product Identification Number (UN number) : -

14.2. Truck ADR/RID : -

14.3. Cargo IMDG : -

14.4. Cargo IATA/ICAO : -

15. Legal information

15.1. Label : Molasse

Hazard symbol : *none*

Ingredients : *prime materials for fertilizer production*

Warnings in use : *none*

15.2. EINECS number : -

16. Other information

This information is given without warranty, express or implied, about product quality and product effects, except that it is accurate to the best knowledge of the Fertira company.

Date (from original) : 5/11/2018