



CHARM'LEE

MATERIAL SAFETY DATA SHEET

1 - IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Substance

Chemical Name
Commercial Names and Synonyms Charm'lee, yeast hulls
Chemical Abstract Nomenclature

Uses Fermentation

Company Tel. +39-0321-790-300 (please see bottom of the page)

Emergency service Niguarda Hospital tel. +39-02-6610-1029

2 - COMPOSITION / INFORMATION ON INGREDIENTS

- **General description of the components, relative concentrations and risks**

| Chemical name | N° CAS | N°EINECS | Conc/Range % | Classification Symbols | R phrases |
|---------------|--------|----------|--------------|------------------------|-----------|
| Yeast hulls | | | | | |

The product does not contain any other products and/or impurities that influence the product classification.

3 - HAZARDS IDENTIFICATION

Not dangerous classified substance according to official current regulations.

Health risks None

Environmental risks None

Physical and chemical hazards CO formation from combustion
Fire and explosion

4 - FIRST AID MEASURES

Inhalation N.f.

Skin contact Rinse with water

Eyes contact Wash with warm water

Ingestion N.f.

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5 – FIRE-FIGHTING MEASURES

| | |
|---|--------------|
| Advised extinguishing agents | N.f. |
| Extinguishing agents to be avoided | N.f. |
| Dangers caused by combustion matters | CO formation |
| Protection measures in case of intervention | N.f. |
| Additional information | |

6 – ACCIDENTAL RELEASES MEASURES

| | |
|-------------------------------------|---|
| Collection and disposal methods | Warm and sanitizing water, in order to prevent mould formation in presence of residual matter |
| Personal-related safety precautions | None |
| Environmental protection | None |

7 – HANDLING AND STORAGE

| | |
|----------|---|
| Handling | See Section 8 |
| Storage | Store in a dry and cool place, if possible in refrigerators at controlled temperature and humidity. Keep safe from heat |

8 – PERSONAL PROTECTION / EXPOSURE CONTROL

| | |
|------------------------|------|
| Respiratory protection | None |
| Skin protection | None |
| Hand protection | None |
| Eyes protection | None |
| Exposure limits | |

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9 – PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|---|----------------|---------------------------------------|
| Appearance | physical state | Powder |
| | colour | Dark cream to light cream |
| | smell | Typical of yeast |
| Melting point | | |
| Boiling point | | |
| Density | | |
| Solubility in water | | Partial |
| Flash point | | > 200°C |
| Inflammability limits (vol % in air) | | |
| Autoignition temperature | | |
| pH | | 7+/-1 in suspension at 300g/l at 20°C |
| Coefficient of division n-octanol/water | | |

10 – STABILITY AND REACTIVITY

| | |
|----------------------------------|--|
| Conditions to be avoided | None |
| Products to be avoided | None |
| Hazardous decomposition products | Water and carbon dioxide from combustion |

11 – TOXICOLOGICAL INFORMATION

| | |
|-------------------------|------------------------------|
| Penetration ways | Inhalation unlikely event |
| | Ingestion unlikely event |
| | Contact no |
| | Unknown |
| Acute toxicity | |
| Inhalation consequences | |
| Ingestion consequences | |
| Skin local effects | |
| Eyes local effects | |
| Additional information | Absolutely non-toxic product |

12 – ECOLOGICAL INFORMATION

Biodegradable product.

13 – DISPOSAL CONSIDERATIONS

| | |
|-----------------------|--|
| Product | Total biodegradability. Disposal or incineration shall be carried out according to the current regulations |
| Contaminated packages | Contaminated containers shall be treated like the product. Non-contaminated containers can be used for internal or recycling waste |

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14 – TRANSPORT INFORMATION

Product non subject to ADR/RID, IMO and IATA regulations, related to road, sea and airway transport of dangerous goods.

15 – REGULATORY INFORMATION

| | | |
|------------------|-------|---------------------|
| EC labelling | [] | Required by the law |
| | [] | Temporary |
| # Classification | [X] | Not required |

16 – OTHER INFORMATION

Hazard symbol
Risk phrases

Safety phrases

This material safety data sheet has been issued in accordance with 2001/58/CE.

Before starting the use of this product for any new process or experiment, it must be carried out a deep study on the safety and the compatibility of the product itself with materials it could come in contact with.

The information contained in this safety data sheet is given to protect health and safety at work. No responsibility is taken for possible damages arising from uses of this information for different purposes from the ones here indicated.

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