## PRODUCT DATA SHEET

## Chemical product/preparation

| Product number: | 7313 |
| :--- | :--- |
| Product name: | Cod liver oil (type A) |
| Monograph: | EP |
| CAS number: | $8001-69-2$ |
| EINECS number: | $232-289-6$ |
| INCI name: | Gadi iecur oil |
|  |  |
| Supplier: | Caesar \& Loretz GmbH |
|  | Herderstr. 31 |
|  | 40721 Hilden |
|  | Tel.: +49 (0) 21 03/49 94-0 |
|  | Fax: +49 (0) 21 03/49 94-300 |
|  | E-Mail: info@caelo.de |
| Application of substance/mixture: | Ingredient for pharmaceutical drugs |
|  |  |
| CLP labeling: | The substance is not classified according to the CLP |
| Regulation (EC) number 1272/2008 | regulation |
| REACH registration number: | The substance is exempt from REACH registration. |

## Composition/information on ingredients

## Chemical characterization

Fat oil produced from cod liver with high content of unsaturated fatty acids. Average content:

| 99\% | Fatt |  |
| :---: | :---: | :---: |
| 0,85\% | Cholesterol |  |
| 0,026 | Vitamine E |  |
| 0,026\% | Vitamine A (85000 IE/100 g) |  |
| 0,0002\% | \% Vitamine D (8500 IE/100 g) |  |
| Fatty acid composition |  |  |
| 16:0 p | palmitic acid | 7,0-14,0\% |
| 16:1 p | palmitoleic acid | 4,5-11,5\% |
| 18:0 s | stearic acid | 1,0-4,0\% |
| 18:1 o | oleic acid | 12,0-21,0\% |
| 18:2 li | linoleic acid | 0,5-3,0\% |
| 18:3 li | linolenic acid | max 2,0\% |
| 20:1 e | eicosenoic acid | 5,0-17,0\% |
| 20:5 e | eicosapentanoic acid | 7,0-16,0\% |
| 22:1 e | erucic acid | max 1,5\% |

## Physical and chemical properties

Form:
Colour:
Odour:
Melting point/melting range:
Boiling point/boiling range:
Flash point:
Autoflammability:
Vapour pressure:
Density:
Bulk density:
pH -value:
Solubility in/miscibility with water:
liquid
light yellow
oily
not determined not determined not determined not determined not determined $0,93 \mathrm{~g} / \mathrm{cm}^{3}\left(20^{\circ} \mathrm{C}\right)$ not determined not determined not miscible

## General protective and hygiene measures

The usual precaution measures during handling of chemicals are to observe.

## Storage

Requirements to be met by storerooms and receptacles:

Specific hazards during firefighting:

Tightly closed. Store at a dry place. At room temperature $\left(+15^{\circ} \mathrm{C}\right.$ to $\left.+25^{\circ} \mathrm{C}\right)$.

No special measures required.

## Disposal considerations

Product:

Uncleaned packaging:

## Transport information

Land transport according to ADR:

Disposal according to local regulations as pharmaceutical waste.

Disposal according to the local regulations.

Not classified as dangerous in the meaning of transport regulations.

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