



## Material Safety Data Sheet

According to 1907/2006/CE, Article 31

First issue date : Aug. 31, 2006

Revision date : Nov. 11, 2008

### 1. Identification of the product and company

#### 1.1 Identification of the substance/preparation:

-Product name: Chamomile Extract

#### 1.2 Identification of the company:

-Manufacturer & Supplier

BIOLAND

39-4, Songjeong, Byeongcheon,

Cheonan, Chungnam, 330-863, Korea

Tel : 82-41-564-8615 ~ 8

Fax : 82-41-564-8619

-Information department: R&D Center

-Emergency telephone number: Tel : 82-41-564-8615 ~ 8/Site safety department

-Email address : bioland@biolandkorea.com

### 2. Hazards identification

2.1 Hazard description: None

### 3. Composition data on ingredients

#### 3.1 Chemical characterization:

-Components:

	CAS No	EINECS No
Water	7732-18-5	231-791-2
Propylene glycol	57-55-6	200-338-0
Anthemis nobilis flower extract	84649-86-5	283-467-5

-Dangerous components:

None

#### 4. First aid measures

##### 4.1 Swallowing:

After swallowing of large amounts and in case of indisposition, induce vomiting, if necessary consult a doctor.

##### 4.2 Eye contact: Wash out with plenty of water

#### 5. Fire fighting measures

##### 5.1 Suitable extinguishing media: Water, foam, powder, CO<sub>2</sub>

##### 5.2 Unsuitable extinguishing media: No limitation

##### 5.3 Special hazards: None

#### 6. Accidental release measures

##### 6.1 Person-related safety precautions: No necessary

##### 6.2 Measures for environmental protection:

Do not allow product to reach sewage system or any watercourse.

##### 6.3 Measures for cleaning/collecting:

Absorb liquid components with liquid-binding material and eliminate minor let amounts with water.

#### 7. Handling and storage

##### 7.1 Handling

–Information for safe handling: No special measures required.

–Information about protection against explosion and fire: No special measures required.

##### 7.2 Storage

–Should be stored at room temperature (1~30℃) in a tightly closed and lightproof container

#### 8. Personal protection information

Eye protection

#### 9. Physical and chemical properties

##### 9.1 Appearance : Light brown liquid

- 9.2 Odor : Characteristic
- 9.3 Density : 1.010 ~ 1.050 (d<sub>20</sub>/20)
- 9.4 Auto ignition temperature : > 390°C
- 9.5 Solubility in/ Miscibility with Water : soluble
- 9.6 Organic solvents : Soluble in many organic solvents
- 9.7 pH : 4.0 ~ 7.0 (1→10, 20°C)
- 9.8 Refractive Index : 1.355 ~ 1.395 (n<sub>D</sub><sup>20</sup>)

#### 10. Stability and reactivity

The product is stable at room temperature (1~30°C) in a tightly closed and lightproof container

#### 11. Toxicological information

There are no toxicological data existing for this product.

#### 12. Ecological information

There are no ecological data existing for this product.

#### 13. Disposal considerations

- 13.1 Recommendation about product: Must be disposed in an incinerator.
- 13.2 Recommendation about packaging: Disposal must be made according to official regulations.

#### 14. Transport information

The product is not classified.

#### 15. Prescriptions

Labeling as dangerous goods is not required.

#### 16. Other information

The information herein is given in good faith and corresponding to our present state of knowledge and experience. The safety data sheet serves as a description of the product in regard to necessary safety measures.

The indications have not the meaning of guarantees on properties.

-Contact: Dr. K. H. Kim, R&D Center