SECTION 1 :: PRODUCT IDENTIFICATION

INCI: Bellis perennis (Daisy) Flower Extract

SECTION 2 :: HAZARD SPECIFICATIONS

Hazard designation
According to our data the product is not dangerous with respect to the German chemical law and the meaning of directive 67/548/EEC

SECTION 3 :: Composition/information on ingredients

Chemical characterization
Aqueous buffered blossom extract of Bellis perennis.

Hazardous components

SECTION 4 :: First Aid Measures

After inhalation
Let in fresh air. Call a doctor, should the air passages be affected.

After skin contact
Flush with plenty of water.

After eye contact
Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.).

After ingestion
Do not induce vomiting - call a physician.
SECTION 5 :: Fire-fighting measures

Suitable extinguishing media
Not combustible under normal conditions. Adapt extinguishing measures to suit the environment.

Unsuitable extinguishing media
None known.

Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged
None known.

Special protective equipment
In case of fire do not breathe fumes

Additional information
Do not allow the quenching water into the sewage system.

SECTION 6 :: Accidental release measures

Personal precautions
Take the precautions customary when handling chemicals.

Environmental precautions
Do not empty into drains.

Methods for cleaning up/collecting
Take up with a liquid absorbing material and proceed according to the waste disposal regulations.

SECTION 7 :: Handling and storage

Information for safe handling
Normal precautions taken when handling chemicals should be observed.

Information about protection against explosions and fires
Not combustible under normal conditions. Adapt extinguishing measures to suit the environment.

Requirements to be met by storerooms and containers
Protect from light, store in tightly sealed containers and keep at temperatures of 10 – 20 °C (50 – 68 °F). Protect from frost.

Further information about storage conditions
Storage class (VCI) : 10
SECTION 8 :: Exposure controls/personal protection

Personal protective equipment

General protective and hygiene measures
The usual precautionary measures for the handling of chemicals have to be observed.

Respiratory protection
No particular measures required.

Hand protection
Use protective gloves.

Eye protection
Use tightly fitting safety glasses.

Body protection
No particular measures required.

SECTION 9 :: Physical and chemical properties

Image
Form : Liquid.
Colour : Brown
Odour : Aromatic. Characteristic.

Relevant safety data
Physical state : liquid
Boiling point / range : ( 1013 hPa ) ca. 100 °C
Flash point : > 100 °C
Vapour pressure : ( 50 °C ) ca. 123 hPa
Density : ( 20 °C ) ca. 1,012 g/cm3
Solvent-separation test : ( 20 °C ) no data available %

pH value : ca. 5,1
Viscosity : ( 20 °C ) ca. 1 mPa.s
SECTION 10 :: Exposure controls/personal protection

Conditions to avoid
None, if handled according to order.

Materials to avoid
None known.

Hazardous decomposition products
None known.

SECTION 11 :: Toxicological information

Bellis perennis blossoms have a long tradition in herbal medicine, especially as infusion. Thus, determination of acute oral toxicity on rats has not been conducted.

Toxicological tests
Primary irritant effect
Specification : Irritating to eyes
Test species : Hen's egg
Value / dosage : 0
Findings : Not irritant
Testing method : HET-CAM (10% solution)
Specification : Irritating to skin
Test species : Man
Findings : Not irritant
Testing method : Patch test (10% in o/w-cream)
The product is not irritant, if used at the recommended concentrations

Sensitization
Specification : Patch-Test
Test species : Human
Findings : Hypoallergenic
Testing method : Repeated Human Patch Test(10%, acc. to Shelanski)

SECTION 12 :: Ecological information

Details on elimination (persistance / degradibility)
The product is biodegradable.
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SECTION 13 :: Disposal considerations

Product
Observing local regulations the product can be treated like normal sewage or waste water.

Contaminated packaging
Recommendation
Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant.

SECTION 14 :: Transport information

Land transport ADR/RID
Classification
Class : -

Maritime transport IMDG/GGVSea
Classification
IMDG-Code : -

Air transport ICAO-TI and IATA-DGR
Classification
Class : -

Additional transport information
The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

SECTION 15 :: Regulatory information

Classification according to EC directives
No danger symbols

National regulatory information

Ordinance on Dangerous Substances (GefStoffV)
According to our data the product is not dangerous with respect to the German chemical law and the meaning of directive 67/548/EEC.

Water pollution classification
Class : - according VwVwS
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SECTION 16 :: Other information

Further information
Relevant changes
07. Information about separation of incompatible products · 09. Relevant safety data

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