



# PRODHY-EXTRACT® CALENDULA

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Date of issue: 16/07/2015

Revision date: 16/07/2015

Supersedes: 23/04/2014

Version: 3.0

DISTRIBUTED BY

**Charkit**

32 Haviland Street, Norwalk CT 06854  
203-299-3220 | 203-299-1355 fax | www.charkit.com

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product form : Mixture  
Trade name : PRODHY-EXTRACT® CALENDULA

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

##### 1.2.1. Relevant identified uses

Main use category : Product for industrial use only  
Function or use category : Cosmetics

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

LETICC  
ZAC de la Prévôté - 6 Route de Bû  
78550 Houdan - France  
T 33 (0)1 30 461 012 - F 33 (0)1 30 597 008  
[prodhyg@prodhyg.com](mailto:prodhyg@prodhyg.com) - [www.prodhyg.com](http://www.prodhyg.com)

#### 1.4. Emergency telephone number

No additional information available

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Not classified

#### 2.2. Label elements

According to EC directives or the corresponding national regulations there is no labelling obligation for this product.

#### 2.3. Other hazards

Adverse physicochemical, human health and environmental effects : No additional information available.

Other hazards not contributing to the classification : None under normal conditions.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable

#### 3.2. Mixture

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Propylene glycol	(CAS No) 57-55-6 (EC no) 200-338-0 (REACH-no) 01-2119456809-23	50	Not classified
Calendula Officinalis Flower Extract	(CAS No) 84776-23-8 (EC no) 283-949-5	50	Not classified

Full text of H-phrases: see section 16

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures general : Take off immediately all contaminated clothing.  
First-aid measures after inhalation : Assure fresh air breathing.  
First-aid measures after skin contact : Wash skin with mild soap and water.

# PRODHY-EXTRACT® CALENDULA

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes.  
First-aid measures after ingestion : Rinse mouth out with water.

### 4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : Not considered hazardous under normal conditions of use.

### 4.3. Indication of any immediate medical attention and special treatment needed

No additional information available.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : carbon dioxide (CO<sub>2</sub>), foam, hazy water, powder.  
Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.

### 5.2. Special hazards arising from the substance or mixture

Fire hazard : No open fire, no smoking.

### 5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.  
Protection during firefighting : Use a self-contained breathing apparatus and also a protective suit.  
Other information : Avoid (reject) fire-fighting water to enter environment.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures : To our knowledge, the product does not present any particular risk, under normal conditions of use.

#### 6.1.1. For non-emergency personnel

No additional information available

#### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Place in an appropriate container and dispose of the contaminated material at a licensed site.

### 6.4. Reference to other sections

For further information refer to section 8 : Exposure-controls/personal protection".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Do not eat, drink or smoke when using this product. Caution : this product can cause the floor to be slippery.  
Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Product sensitive to the microbiological contaminations.  
Storage temperature : 10 - 20 °C  
Storage area : Store away from heat/moisture.  
Packaging materials : Always keep in containers made of the same material as the supply container.

### 7.3. Specific end use(s)

No additional information available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

Personal protective equipment : Protective clothing. Safety glasses. Insulated gloves.

# PRODHY-EXTRACT® CALENDULA

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Eye protection	: In case of splash hazard: safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: No specific measures are necessary.



## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Yellow to amber.
Odour	: weak.
Odour threshold	: No data available
pH	: 5,5 - 6,5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 100 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: 1,035 - 1,045 @ 20°C
Density	: No data available
Solubility	: Soluble in water.
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Stable under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions of use.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

No known dangerous condition.

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

No additional information available

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity	: Not classified
----------------	------------------

# PRODHY-EXTRACT® CALENDULA

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

Propylene glycol (57-55-6)	
LD50 oral rat	22000 mg/kg
LD50 dermal rat	22500 mg/kg
LD50 dermal rabbit	20800 mg/kg
Skin corrosion/irritation	: Not classified pH: 5,5 - 6,5
Serious eye damage/irritation	: Not classified pH: 5,5 - 6,5
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified Not classified Carcinogenic (IARC)
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Not classified
Aspiration hazard	: Not classified

## SECTION 12: Ecological information

### 12.1. Toxicity

Propylene glycol (57-55-6)	
LC50 fish 1	51400 mg/l 96 h - pimephales promelas
LC50 other aquatic organisms 1	24200 mg/l 72 h - Algae (fresh water)
EC50 Daphnia 1	18340 mg/l 48 h - Ceriodaphnia dubia
EC50 other aquatic organisms 1	19000 mg/l 96 h - Pseudokirchneriella subcapita)
LC50 fish 2	51600 mg/l 96 h - Salmon
LC50 other aquatic organisms 2	19300 mg/l 72 h - Algae (sea water)
EC50 other aquatic organisms 2	19100 mg/l 96 h - Skeletonema costatum

### 12.2. Persistence and degradability

Propylene glycol (57-55-6)	
Persistence and degradability	Product is biodegradable.
BOD (% of ThOD)	57 % ThOD (BOD5)

### 12.3. Bioaccumulative potential

Propylene glycol (57-55-6)	
Bioconcentration factor (BCF REACH)	0,09
Log Pow	-1,41 - -0,3 @ 20°C
Bioaccumulative potential	No specific risk for the environment.

### 12.4. Mobility in soil

Propylene glycol (57-55-6)	
Surface tension	71,6 mN/m @ 21.5°C

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

No additional information available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Regional legislation (waste)	: Dispose in a safe manner in accordance with local/national regulations.
Waste treatment methods	: Collect all waste in suitable and labelled containers and dispose according to local legislation.
Ecology - waste materials	: Take all necessary measures to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

## SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

### 14.1. UN number

Not regulated for transport

# PRODHY-EXTRACT® CALENDULA

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

### 14.2. UN proper shipping name

Proper Shipping Name (ADR)	: Not applicable
Proper Shipping Name (IMDG)	: Not applicable
Proper Shipping Name (IATA)	: Not applicable
Proper Shipping Name (ADN)	: Not applicable
Proper Shipping Name (RID)	: Not applicable

### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR)	: Not applicable
----------------------------------	------------------

#### IMDG

Transport hazard class(es) (IMDG)	: Not applicable
-----------------------------------	------------------

#### IATA

Transport hazard class(es) (IATA)	: Not applicable
-----------------------------------	------------------

#### ADN

Transport hazard class(es) (ADN)	: Not applicable
----------------------------------	------------------

#### RID

Transport hazard class(es) (RID)	: Not applicable
----------------------------------	------------------

### 14.4. Packing group

Packing group (ADR)	: Not applicable
Packing group (IMDG)	: Not applicable
Packing group (IATA)	: Not applicable
Packing group (ADN)	: Not applicable
Packing group (RID)	: Not applicable

### 14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

### 14.6. Special precautions for user

#### - Overland transport

No data available

#### - Transport by sea

No data available

#### - Air transport

No data available

#### - Inland waterway transport

Not subject to ADN	: No
--------------------	------

#### - Rail transport

Carriage prohibited (RID)	: No
---------------------------	------

### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### 15.1.1. EU-Regulations

Contains no substances with Annex XVII restrictions  
Contains no substance on the REACH candidate list  
Contains no REACH Annex XIV substances

# PRODHY-EXTRACT® CALENDULA

## Safety Data Sheet

according to Regulation (EC) No. 453/2010

### 15.1.2. National regulations

No additional information available

### 15.2. Chemical safety assessment

No additional information available

## SECTION 16: Other information

Data sources

: F.D.S. Leticc.

Other information

: **DISCLAIMER OF LIABILITY** The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

SDS EU (REACH Annex II)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*

This information is believed to be accurate and is intended for general guidance. It should not be construed as a guarantee of its suitability for a particular application. Charkit Chemical Company, LLC. offers no warranties either expressed or implied, nor is freedom from any patent owned by Charkit Chemical Company, LLC. or others implied; neither is liability accepted for errors or omissions in the information. Typical properties of products are given for guidance only and do not necessarily represent manufacturing specifications.