



We create chemistry

# Safety Data Sheet

## Plantaren® 810 UP

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(30628849/SDS\_GEN\_CA/EN)

### 1. Identification

#### Product identifier used on the label

## Plantaren® 810 UP

#### Recommended use of the chemical and restriction on use

Recommended use\*: cosmetic ingredient

Recommended use\*: Chemical

Unsuitable for use: Not intended for sale to or use by the general public.

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

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

##### Company:

BASF Canada Inc.

100 Milverton Drive

Mississauga, ON L5R 4H1, CANADA

Telephone: +1 289 360-1300

#### Emergency telephone number

##### 24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

BASF HOTLINE: (800) 454-COPE (2673)

#### Other means of identification

Substance number: 493682

Synonyms: Alkylpolyglucoside

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## 2. Hazards Identification

### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

#### Classification of the product

Eye Dam./Irrit.	1	Serious eye damage/eye irritation
Aquatic Acute	3	Hazardous to the aquatic environment - acute

#### Label elements

Pictogram:



Signal Word:

Danger

Hazard Statement:

H318	Causes serious eye damage.
H402	Harmful to aquatic life.

Precautionary Statements (Prevention):

P280	Wear eye and face protection.
P273	Avoid release to the environment.

Precautionary Statements (Response):

P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or physician.

Precautionary Statements (Disposal):

P501	Dispose of contents and container to hazardous or special waste collection point.
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#### Hazards not otherwise classified

No specific dangers known, if the regulations/notes for storage and handling are considered.

### 3. Composition / Information on Ingredients

#### According to Hazardous Products Regulations (HPR) (SOR/2015-17)

D-Glucopyranose, oligomers, decyl octyl glycosides

CAS Number: 68515-73-1

Content (W/W):  $\geq 50.0$  -  $< 75.0\%$

Synonym: No data available.

Sodium Hydroxide

CAS Number: 1310-73-2

Content (W/W):  $\geq 1.0$  -  $< 3.0\%$

Synonym: Sodium hydroxide; Caustic soda

### 4. First-Aid Measures

#### Description of first aid measures

##### If inhaled:

Keep patient calm, remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Seek medical assistance.

##### If on skin:

Wash thoroughly with soap and water Remove contaminated clothing. Wash contaminated clothing before reuse. If irritation should develop, seek medical attention.

##### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open. Do not rub eyes; mechanical action may cause corneal damage. If adverse health effects develop seek medical attention.

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**If swallowed:**

Immediately rinse mouth and then drink 200 - 300 ml water, do not induce vomiting, seek medical attention.

**Most important symptoms and effects, both acute and delayed**

*Information on: D-Glucopyranose, oligomers, decyl octyl glycosides*

*Symptoms: Overexposure may cause: corneal injury, skin corrosion, severe pain, coughing, respiratory disorders, dyspnea, nausea, headache, vomiting, dizziness, diarrhea, abdominal cramps*

Hazards: No hazard is expected under intended use and appropriate handling.

**Indication of any immediate medical attention and special treatment needed**Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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## 5. Fire-Fighting Measures

**Extinguishing media**

Suitable extinguishing media:  
water spray, carbon dioxide, dry powder, foam

**Special hazards arising from the substance or mixture**

Hazards during fire-fighting:  
harmful vapours

Evolution of fumes/fog. The substances/groups of substances mentioned can be released in case of fire.

**Advice for fire-fighters**

Protective equipment for fire-fighting:  
Wear self-contained breathing apparatus and chemical-protective clothing.

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**Further information:**

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

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## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Use personal protective clothing.

**Environmental precautions**

Do not discharge into drains/surface waters/groundwater.

**Methods and material for containment and cleaning up**

For small amounts: Pick up with suitable absorbent material.

For large amounts: Dike spillage. Pump off product.

Dispose of absorbed material in accordance with regulations.

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## 7. Handling and Storage

**Precautions for safe handling**

Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:

Take precautionary measures against static discharges. Avoid all sources of ignition: heat, sparks, open flame.

**Conditions for safe storage, including any incompatibilities**

No applicable information available.

Suitable materials for containers: Stove-lacquer R 78433, High density polyethylene (HDPE)

Further information on storage conditions: Keep container tightly closed and dry; store in a cool place.

Storage stability:

Storage temperature: 10 - 40 °C

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Protect from temperatures below: 10 °C  
Below the temperature limit, the product is no longer pumpable.  
Protect from temperatures above: 50 °C

### 8. Exposure Controls/Personal Protection

#### Components with occupational exposure limits

Sodium Hydroxide	OSHA PEL	PEL 2 mg/m <sup>3</sup> ; CLV 2 mg/m <sup>3</sup> ;
	ACGIH TLV	CLV 2 mg/m <sup>3</sup> ;

#### **Advice on system design:**

No applicable information available.

#### Personal protective equipment

##### **Respiratory protection:**

Respiratory protection not required.

##### **Hand protection:**

Suitable are protective gloves with the following specification. The recommendation is valid for laboratory conditions, specific workplace conditions must be taken into consideration separately., Suitable materials also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374);, nitrile rubber (NBR) - 0.4 mm coating thickness

##### **Eye protection:**

Tightly fitting safety goggles (chemical goggles).

##### **Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

##### **General safety and hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice. No eating, drinking, smoking or tobacco use at the place of work. Handle in accordance with good industrial hygiene and safety practice.

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### 9. Physical and Chemical Properties

Form:	liquid	
Odour:	almost odourless	
Odour threshold:	not applicable	
Colour:	yellow	
pH value:	11.5 - 12.5 ( 20 °C)	(ph-value of APG-220 UP,-230 DK,- 600 UP)
solidification temperature:	<= 10.0 °C	(DGF C-IV 3C)
Melting temperature:	< 0 °C	
boiling temperature:	> 100 °C ( 1,013.200 hPa)	
Sublimation point:	No applicable information available.	
Flash point:	210 °C	(DIN ISO 2592)
Flammability:	not flammable	
Flammability of Aerosol Products:	not applicable, the product does not form flammable aerosoles	
Lower explosion limit:	For liquids not relevant for classification and labelling.	
Upper explosion limit:	For liquids not relevant for classification and labelling.	
Autoignition:	> 300 °C	
Vapour pressure:	< 0.1 hPa ( 20 °C)	
Density:	1.13 - 1.14 g/cm3 ( 20 °C)	(DIN 51757)
Vapour density:	not applicable	
Partitioning coefficient n- octanol/water (log Pow):	< 1.77 The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.	
Self-ignition temperature:	not applicable	
Thermal decomposition:	> 350 °C (DTA)	
Viscosity, dynamic:	500 - 1,500 mPa*s ( 40.0 °C)	(DIN 53015)
Viscosity, kinematic:	not determined	

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Solubility in water:	soluble
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	miscible in all proportions solvent(s): distilled water,
Evaporation rate:	Value can be approximated from Henry's Law Constant or vapor pressure.
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section. No further information available.

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## 10. Stability and Reactivity

### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Oxidizing properties:

not fire-propagating

### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### Possibility of hazardous reactions

None if used for intended purpose.

### Conditions to avoid

See SDS section 7 - Handling and storage.

### Incompatible materials

No substances known that should be avoided.

### Hazardous decomposition products

Decomposition products:

No hazardous decomposition products known.

Thermal decomposition:

> 350 °C (DTA)



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## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity/Effects

#### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single skin contact.  
Virtually nontoxic after a single ingestion.

#### Oral

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg (OECD Guideline 401)

#### Inhalation

No applicable information available.

#### Dermal

Type of value: LD50

Species: rabbit

Value: > 2,000 mg/kg (OECD Guideline 402)

#### Assessment other acute effects

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

#### Irritation / corrosion

Assessment of irritating effects: May cause severe damage to the eyes. Not irritating to the skin.

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#### Skin

Species: rabbit

Result: Slightly irritating.

Method: OECD Guideline 404

#### Eye

Species: rabbit

Result: Severely irritating.

Method: OECD Guideline 405

*Information on: D-Glucopyranose, oligomers, decyl octyl glycosides*

*Species: rabbit*

*Result: Risk of serious damage to eyes.*

*Method: OECD Guideline 405*

*Data of a comparable product*

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#### Sensitization

Assessment of sensitization: No sensitizing effect.

Species: guinea pig

Result: Non-sensitizing.

Method: OECD Guideline 406

#### Aspiration Hazard

No aspiration hazard expected.

### **Chronic Toxicity/Effects**

#### Repeated dose toxicity

Assessment of repeated dose toxicity: No adverse effects were observed after repeated oral exposure in animal studies.

#### Genetic toxicity

Assessment of mutagenicity: The substance was not mutagenic in bacteria.

Genetic toxicity in vitro: OECD Guideline 471 Ames-test Salmonella typhimurium:negative

#### Carcinogenicity

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Assessment of carcinogenicity: The whole of the information assessable provides no indication of a carcinogenic effect.

### Reproductive toxicity

Assessment of reproduction toxicity: The information available on the product provides no indication of reproductive toxicity.

### Teratogenicity

Assessment of teratogenicity: In animal studies the substance did not cause malformations.

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## 12. Ecological Information

### **Toxicity**

#### Toxicity to fish

LC50 > 100 mg/l, Brachydanio rerio (DIN EN ISO 7346-2)

#### Aquatic invertebrates

EC50 > 100 mg/l, Daphnia magna (OECD Guideline 202, part 1)

#### Aquatic plants

EC50 > 10 - 100 mg/l, Scenedesmus subspicatus (Directive 88/302/EEC, part C, p. 89)

#### Chronic toxicity to fish

No observed effect concentration > 1 - 10 mg/l, Brachydanio rerio (OECD Guideline 204)

#### Chronic toxicity to aquatic invertebrates

No observed effect concentration > 1 - 10 mg/l, Daphnia magna (OECD Guideline 202, part 2)

### **Microorganisms/Effect on activated sludge**

#### Toxicity to microorganisms

OECD Guideline 209 bacterium/EC0: > 100 mg/l

DIN 38412 Part 8 bacterium/EC0: > 100 mg/l

### **Persistence and degradability**

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Assessment biodegradation and elimination (H<sub>2</sub>O)  
Readily biodegradable (according to OECD criteria).

#### **Bioaccumulative potential**

Assessment bioaccumulation potential  
Significant accumulation in organisms is not to be expected.

#### **Mobility in soil**

Assessment transport between environmental compartments  
The substance will not evaporate into the atmosphere from the water surface.  
Adsorption to solid soil phase is not expected.  
The product has not been fully tested. The statements have been derived in parts from products of a similar structure or composition.

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## 13. Disposal considerations

#### **Waste disposal of substance:**

Must be disposed of or incinerated in accordance with local regulations.

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## 14. Transport Information

#### **Land transport**

TDG

Not classified as a dangerous good under transport regulations

#### **Sea transport**

IMDG

Not classified as a dangerous good under transport regulations

#### **Air transport**



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IATA/ICAO

Not classified as a dangerous good under transport regulations

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## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Chemical DSL, CA released / listed

Cosmetic DSL, CA released / listed

#### NFPA Hazard codes:

Health: 3 Fire: 1 Reactivity: 0 Special:

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## 16. Other Information

### SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2020/08/20

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.