

# Safety Data Sheet

## Plantapon® 611 L UP

Revision date : 2019/02/25  
Version: 3.2

Page: 1/10  
(30538079/SDS\_GEN\_US/EN)

### 1. Identification

#### Product identifier used on the label

**Plantapon® 611 L UP**

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

Recommended use\*: surfactants  
Recommended use\*: surfactants

\* 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 CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

#### Emergency telephone number

CHEMTREC: 1-800-424-9300  
BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

Synonyms: Surfactant blend

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### 2. Hazards Identification

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

#### Classification of the product

Skin Corr./Irrit.	2	Skin corrosion/irritation
Eye Dam./Irrit.	1	Serious eye damage/eye irritation
Aquatic Acute	3	Hazardous to the aquatic environment - acute
Aquatic Chronic	3	Hazardous to the aquatic environment - chronic

#### Label elements

# Safety Data Sheet

## Plantapon® 611 L UP

Revision date : 2019/02/25  
Version: 3.2

Page: 2/10  
(30538079/SDS\_GEN\_US/EN)

Pictogram:



Signal Word:  
Danger

Hazard Statement:

H318 Causes serious eye damage.  
H315 Causes skin irritation.  
H402 Harmful to aquatic life.  
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280 Wear protective gloves and eye/face protection.  
P273 Avoid release to the environment.  
P264 Wash with plenty of water and soap thoroughly after handling.

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 doctor/physician.  
P303 + P362 IF ON SKIN (or hair): Wash with plenty of soap and water.  
P332 + P313 If skin irritation occurs: Get medical advice/attention.  
P362 + P364 Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Disposal):

P501 Dispose of contents/container to hazardous or special waste collection point.

### 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 Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
77-92-9	>= 0.3 - < 1.0%	Citric acid
1310-73-2	>= 0.3 - < 1.0%	Sodium Hydroxide
110615-47-9	>= 7.0 - < 10.0%	D-Glucopyranose, oligomeric, C10-16-alkyl glycosides
68585-34-2	>= 25.0 - < 50.0%	Alcohols, C10-16, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO)

## 4. First-Aid Measures

### Description of first aid measures

**If inhaled:**

Fresh air. If adverse health effects develop seek medical attention.

# Safety Data Sheet

## Plantapon® 611 L UP

Revision date : 2019/02/25  
Version: 3.2

Page: 3/10  
(30538079/SDS\_GEN\_US/EN)

### **If on skin:**

After contact with skin, wash immediately with plenty of water. If adverse health effects develop seek medical attention.

### **If in eyes:**

Wash affected eyes for at least 15 minutes under running water with eyelids held open. Seek medical attention.

### **If swallowed:**

Do not induce vomiting. Rinse mouth and then drink 200-300 ml of water. If vomiting occurs naturally, keep airway clear. Seek medical attention.

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

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., (Further) symptoms and / or effects are not known so far  
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.

### **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**

# Safety Data Sheet

## Plantapon® 611 L UP

Revision date : 2019/02/25  
Version: 3.2

Page: 4/10  
(30538079/SDS\_GEN\_US/EN)

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: High density polyethylene (HDPE)

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

Storage stability:

Storage temperature:  $\leq 30$  °C

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## 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:

Ensure adequate ventilation.

### Personal protective equipment

#### Respiratory protection:

Not applicable with adequate ventilation. Wear a NIOSH-certified (or equivalent) respirator as necessary. Follow manufacturer's recommendations.

#### Hand protection:

Chemical resistant protective gloves

#### Eye protection:

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

#### 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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# Safety Data Sheet

## Plantapon® 611 L UP

Revision date : 2019/02/25  
Version: 3.2

Page: 5/10  
(30538079/SDS\_GEN\_US/EN)

### 9. Physical and Chemical Properties

Form:	liquid, viscous
Odour:	almost odourless
Odour threshold:	not applicable
Colour:	light amber
pH value:	11 - 12 ( 10 %(m))
Sublimation point:	No applicable information available.
Flash point:	> 101 °C Aqueous preparation
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:	not determined
Vapour pressure:	not determined
Density:	0.9 - 1.1 g/cm <sup>3</sup> ( 20 °C)
Vapour density:	not applicable
Partitioning coefficient n-octanol/water (log Pow):	not determined
Self-ignition temperature:	not applicable
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	not determined
Viscosity, kinematic:	not determined
Solubility in water:	soluble
Solubility (quantitative):	No applicable information available.
Solubility (qualitative):	soluble 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.

### 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

Reacts with strong oxidizing agents.

#### Conditions to avoid

# Safety Data Sheet

## Plantapon® 611 L UP

Revision date : 2019/02/25  
Version: 3.2

Page: 6/10  
(30538079/SDS\_GEN\_US/EN)

See MSDS section 7 - Handling and storage.

### Incompatible materials

No substances known that should be avoided.

### Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

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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.

#### Primary routes of entry

Dermal contact.

Eyes

### Acute Toxicity/Effects

#### Acute toxicity

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

#### Oral

Type of value: LD50

Value: > 2,000 mg/kg

#### Inhalation

No applicable information available.

#### Dermal

No applicable information available.

#### Assessment other acute effects

Assessment of STOT single:

Based on available Data, the classification criteria are not met.

#### Irritation / corrosion

Assessment of irritating effects: May cause severe damage to the eyes.

Skin contact causes irritation.

*Information on: D-Glucopyranose, oligomeric, C10-16-alkyl glycosides*

*Assessment of irritating effects: Risk of serious damage to eyes. Skin contact causes irritation.*

*Information on: Alcohols, C10-16, ethoxylated, sulfates, sodium salts (> 1 < 2.5 mol EO)*

*Assessment of irritating effects: Eye contact causes irritation. Skin contact causes irritation.*

*Information on: Sodium Hydroxide*

# Safety Data Sheet

## Plantapon® 611 L UP

Revision date : 2019/02/25  
Version: 3.2

Page: 7/10  
(30538079/SDS\_GEN\_US/EN)

*Assessment of irritating effects: Highly corrosive! Damages skin and eyes.*  
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### Eye

*Information on: Citric acid  
Species: rabbit  
Result: Risk of serious damage to eyes.*

*Species: rabbit  
Result: Irritant.  
Method: OECD Guideline 405*  
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### Sensitization

Assessment of sensitization: There is no evidence of a skin-sensitizing potential.

### Aspiration Hazard

No aspiration hazard expected.

## **Chronic Toxicity/Effects**

### Repeated dose toxicity

Assessment of repeated dose toxicity: The information available on the product provides no indication of toxicity on target organs after repeated exposure.

### Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect.

### Carcinogenicity

Assessment of carcinogenicity: The chemical structure does not suggest a specific alert for such an effect.

### Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect.

### Teratogenicity

Assessment of teratogenicity: No data was available concerning toxicity to development.

### Other Information

The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

## **Symptoms of Exposure**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., (Further) symptoms and / or effects are not known so far

### Medical conditions aggravated by overexposure

Individuals with pre-existing diseases of the respiratory system, skin or eyes may have increased susceptibility to excessive exposures.

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## **12. Ecological Information**

# Safety Data Sheet

## Plantapon® 611 L UP

Revision date : 2019/02/25  
Version: 3.2

Page: 8/10  
(30538079/SDS\_GEN\_US/EN)

### Toxicity

Aquatic toxicity

Assessment of aquatic toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Toxicity to fish

LC50 > 10 - 100 mg/l

Chronic toxicity to aquatic invertebrates

No observed effect concentration > 0.1 - 1 mg/l

### Microorganisms/Effect on activated sludge

Toxicity to microorganisms

EC0: > 100 mg/l

### Persistence and degradability

Assessment biodegradation and elimination (H2O)

Readily biodegradable (according to OECD criteria).

### Bioaccumulative potential

Assessment bioaccumulation potential

No data available.

### Mobility in soil

Assessment transport between environmental compartments

not applicable

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## 13. Disposal considerations

### Waste disposal of substance:

Dispose of in accordance with national, state and local regulations. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

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## 14. Transport Information

### Land transport

USDOT

Not classified as a dangerous good under transport regulations

### Sea transport

IMDG

Not classified as a dangerous good under transport regulations

### Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations



# Safety Data Sheet

## Plantapon® 611 L UP

Revision date : 2019/02/25  
Version: 3.2

Page: 9/10  
(30538079/SDS\_GEN\_US/EN)

### 15. Regulatory Information

#### Federal Regulations

##### Registration status:

Cosmetic TSCA, US released / exempt

Chemical TSCA, US released / listed

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

<u>CERCLA RQ</u>	<u>CAS Number</u>	<u>Chemical name</u>
1000 LBS	1310-73-2	Sodium Hydroxide
100 LBS	123-91-1	1,4-dioxane
10 LBS	75-21-8	Ethylene Oxide

#### **Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:**

**WARNING:** This product can expose you to chemicals including ETHYLENE OXIDE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

#### **NFPA Hazard codes:**

Health: 3 Fire: 1 Reactivity: 0 Special:

### 16. Other Information

#### **SDS Prepared by:**

BASF NA Product Regulations  
SDS Prepared on: 2019/02/25

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# Safety Data Sheet

## Plantapon® 611 L UP

Revision date : 2019/02/25  
Version: 3.2

Page: 10/10  
(30538079/SDS\_GEN\_US/EN)

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