

# P Foam Green

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

### 1.1. Product identifier

**Trade name**

P Foam Green

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

**Relevant identified uses**

Fire extinguishers

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

**Supplier**

Presto Brandsäkerhet AB

Street address

Värbolsvägen 2, Box 315

64123 KATRINEHOLM

Sweden

Telephone

+46 (0)10-45 20 000

Email

info@presto.se

### 1.4. Emergency telephone number

NHS 111

**Available outside office hours**

Yes

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

The product is not classified as hazardous according to Regulation (EC) No 1272/2008.

### 2.2. Label elements

The product does not require labelling in accordance with Regulation (EC) No 1272/2008.

### 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

The product does not contain any known or suspected endocrine disruptors.

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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Urea	57-13-6 200-315-5 01-2119463277-33 -	0 - <10%	-	- - -	-

#### **Substance additional information**

For the complete meaning of H phrases mentioned in this section, see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

If symptoms occur, consult a physician.

#### **Inhalation**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Contact a doctor if the irritation persists.

#### **Skin contact**

Remove contaminated clothing and shoes.  
Wash the skin with soap and water.  
Contact a doctor if the irritation persists.

#### **Eye contact**

Remove contact lenses if that's the case.  
Immediately rinse with water for several minutes.  
If symptoms persist, call a physician.

#### **Ingestion**

Rinse nose, mouth and throat with water. Never give anything by mouth to an unconscious person.  
Do NOT induce vomiting.

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

None known.

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

Treat symptomatically.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Not applicable: The product is an extinguisher.

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

Not noted.

### 5.3. Advice for firefighters

#### Special protective equipment for fire-fighters

Protective measures are taken with regard to other material on the fire site. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## SECTION 6: Accidental release measures

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

Ventilate well. Avoid contact with skin, eyes and clothes. Use personal protection equipment. Wear appropriate allergy-tested protective gloves when cleaning.

### 6.2. Environmental precautions

Do not allow product to enter drains or waterways.

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

Smaller spillages can be wiped up with a cloth. Minor spillages must be wiped up or rinsed away with water.

Large Spillages:

Contain spillage with sand or earth.

Treat the recovered material as prescribed in the section on waste disposal.

### 6.4. Reference to other sections

For personal protection see section 8 and for disposal see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Preventive handling precautions

Ventilate well. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

#### General hygiene

Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Remove contaminated clothing. Wash contaminated clothing before reuse.

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

Keep container tightly closed in a cool, well-ventilated place. Keep in original container.

**7.3. Specific end use(s)**

See section 1.2.

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**Exposure limits**

Contains no substances with occupational exposure limit values.

**DNEL/DMEL**

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
Urea (57-13-6/200-315-5)	DNEL	Chronic (long term) Inhalation	125 mg/m <sup>3</sup>	Consumer	Systemic
Urea (57-13-6/200-315-5)	DNEL	Chronic (long term) Dermal	580 mg/kg bw/day	Workers	Systemic
Urea (57-13-6/200-315-5)	DNEL	Acute (short term) Inhalation	292 mg/m <sup>3</sup>	Workers	Systemic
Urea (57-13-6/200-315-5)	DNEL	Acute (short term) Dermal	580 mg/kg bw/day	Workers	Systemic
Urea (57-13-6/200-315-5)	DNEL	Chronic (long term) Inhalation	292 mg/m <sup>3</sup>	Workers	Systemic
Urea (57-13-6/200-315-5)	DNEL	Acute (short term) Oral	42 mg/kg bw/day	Consumer	Systemic
Urea (57-13-6/200-315-5)	DNEL	Acute (short term) Inhalation	125 mg/m <sup>3</sup>	Consumer	Systemic
Urea (57-13-6/200-315-5)	DNEL	Acute (short term) Dermal	580 mg/kg bw/day	Consumer	Systemic
Urea (57-13-6/200-315-5)	DNEL	Chronic (long term) Oral	42 mg/kg bw/day	Consumer	Systemic
Urea (57-13-6/200-315-5)	DNEL	Chronic (long term) Dermal	580 mg/kg bw/day	Consumer	Systemic

**PNEC/PEC**

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
Urea	PNEC	Freshwater	0.047 mg/l

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Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
(57-13-6/200-315-5)			

## 8.2. Exposure controls

### Appropriate engineering controls

Ventilate well. The maintenance and servicing of PPE shall be included in the workplace's self-supervision plan. Checks and measures taken shall be documented.

### Eye / face protection

Wear approved, tight fitting safety glasses where splashing is probable. Use eye protection according to EN 166.

### Hand protection

Protective gloves should be used if there is a risk of direct contact or splash.

Protective gloves complying with EN 374.

Recommended materials:

Neoprene.

Nitrile.

### Other skin protection

Wear suitable protective clothing.

### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## SECTION 9: Physical and chemical properties

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

#### Physical state

Liquid

#### Colour

Colourless to pale yellow

#### Odour

Not determined

#### Melting point / freezing point

No data available

#### Boiling point or initial boiling point and boiling range

No data available

#### Flammability

No data available

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**Lower and upper explosion limit**

No data available

**Flash point**

No data available

**Auto-ignition temperature**

No data available

**Decomposition temperature**

No data available

**pH**

No data available

**Kinematic viscosity**

No data available

**Solubility**

No data available

**Partition coefficient n-octanol/water**

No data available

**Vapour pressure**

No data available

**Density and/or relative density**

≈1

**Relative vapour density**

No data available

**Particle characteristics**

Not applicable

**9.2. Other information**

No additional information available.

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

None under normal conditions.

**10.2. Chemical stability**

Stable under recommended storage and handling conditions.

**10.3. Possibility of hazardous reactions**

No dangerous reactions are known under normal use.

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## 10.4. Conditions to avoid

Avoid heat.

## 10.5. Incompatible materials

Avoid contact with oxidising agents.

## 10.6. Hazardous decomposition products

None under normal conditions.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

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

Product / Substance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals
Urea 57-13-6 / 200-315-5	LD50	8200 mg/kg	Dermal	24 hours	Rabbit
Urea 57-13-6 / 200-315-5	LD50	8471 mg/kg	Oral	24 hours	Rat

#### Skin corrosion/irritation

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

Mild irritation may occur on prolonged or repeated exposure.

#### Serious eye damage/irritation

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

Mild irritation may occur on prolonged or repeated exposure.

#### Respiratory or skin sensitisation

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

#### Germ cell mutagenicity

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

#### Carcinogenicity

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

#### Reproductive toxicity

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

#### STOT-single exposure

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

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**STOT-repeated exposure**

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

**Aspiration hazard**

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

**11.2. Information on other hazards**

**Endocrine disrupting properties**

The product does not contain any known or suspected endocrine disruptors.

**Other information**

No information available.

## SECTION 12: Ecological information

**12.1. Toxicity**

**Toxicity**

Not classified as dangerous to the environment. However, this does not exclude the possibility of large or frequent spills can be hazardous to the environment.

**Acute fish toxicity**

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Urea 57-13-6 / 200-315-5	LC50	> 6810 mg/l	96 hours	Ide (Leuciscus idus)

**Acute algae toxicity**

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Species
Urea 57-13-6 / 200-315-5	EC10	47 mg/l	Freshwater algae

**Acute crustacean toxicity**

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Urea 57-13-6 / 200-315-5	LC50	> 10000 mg/l	48 hours	Daphnia magna (Water flea)

**Micro-/macro organism toxicity**



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Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Urea 57-13-6 / 200-315-5	EC10	> 10000 mg/l	16 hours	Bacteria

## 12.2. Persistence and degradability

Biodegradable.

## 12.3. Bioaccumulative potential

No information available.

## 12.4. Mobility in soil

### Mobility

No information available.

## 12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

## 12.6. Endocrine disrupting properties

The product does not contain any known or suspected endocrine disruptors.

## 12.7. Other adverse effects

### Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal considerations

Not classified as hazardous waste. Disposal should be in accordance with applicable local, regional, and national laws and regulations.

#### Other

Waste codes should be assigned by the user based on the application for which the product was used.

## SECTION 14: Transport information

### 14.1. UN number

Not dangerous goods according to transport regulations.

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## 14.2. UN proper shipping name

### ADR / RID / ADN proper shipping name

Not applicable

## 14.3. Transport hazard class(es)

### Label

Not applicable

## 14.4. Packing group

Not applicable

## 14.5. Environmental hazards

Not applicable

## 14.6. Special precautions for user

Not applicable

## 14.7. Maritime transport in bulk according to IMO instruments

Not applicable

## SECTION 15: Regulatory information

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

#### EU regulations

Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures (CLP).

Directive 2008/98/EC of the European Parliament and of the Council on waste.

#### National regulations

EH40/2005 Workplace exposure limits.

### 15.2. Chemical safety assessment

No chemical safety assessment has been performed.

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## SECTION 16: Other information

### **Abbreviations**

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: very Persistent and very Bioaccumulative.

LC50: Deadly concentration for 50 % of a test population.

EC50: The concentration of a substance that affects 50 % of a population over a given period of time.

PNEC: Predicted no effect concentration.

LD50: Lethal dose for 50 % of the test population (lethal median dose).

DNEL: Derived No Effect Level (Derived level not based on observed effects).

### **References to key literature and data sources**

Information also retrieved from the supplier's safety data sheet.

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