

P Foam PRO

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

1.1. Product identifier

Trade name

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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

Värmbolsvägen 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 - <5%	-	- - -	-

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 ³	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 ³	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 ³	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 ³	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

No data available

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.

Date: 2021-05-12.