

# FFX 200

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

### 1.1. Product identifier

**Trade name**

FFX 200

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

**Product type**

Industrial use. Professional use.

**Relevant identified uses**

Fire extinguishers.

**Not suitable for use in**

Consumer use.

### 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

010-45 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

**More information**

EUH208 Contains 1,2-Benzisothiazol-3(2H)-one. May produce an allergic reaction.

EUH210: Safety data sheet available on request.

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## 2.3. Other hazards

No information available regarding PBT/vPvB.  
The product does not contain any known or suspected endocrine disruptors.

## 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
1,2-Benzisothiazolin-3-one	2634-33-5 220-120-9 - 613-088-00-6	≥0.005 - <0.05%	Acute Tox. 4 - oral, Skin Irrit. 2, Skin Sens. 1, Eye Dam. 1, Aquatic Acute 1	H302, H315, H317, H318, H400 M=10 -	Skin Sens 1; H317: C ≥ 0,05 %

#### Substance additional information

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

Remove contaminated clothing.

#### Inhalation

Remove person to fresh air and keep comfortable for breathing. In uncertainty or when symptoms persist, seek medical attention.

#### Skin contact

Wash with plenty of water.  
Remove contaminated clothing.

#### Eye contact

Rinse immediately with a gentle, warm jet of water or eye wash for several minutes. Also rinse under the eyelids. If effects occur, consult a physician.

#### Ingestion

Call a poison center or a physician.

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

#### Skin contact

Allergic reactions may occur in sensitized persons.

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

Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Carbon dioxide, dry chemical powder, foam, water fog.

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

In case of fire, toxic and/or irritating gases may be formed.

### 5.3. Advice for firefighters

#### Measures in case of fire

Evacuate surrounding areas.

### Other

Exercise caution when fighting any chemical fire. Do not attempt to take action without suitable protective equipment. Wear self-contained breathing apparatus. Wear full protective clothing.

## SECTION 6: Accidental release measures

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

Wear personal protective equipment. Do not use the product until you have read and understood the safety instructions. Ventilate area.

### 6.2. Environmental precautions

Avoid release into the environment. Collect and place in the appropriate container for further handling as waste in accordance with local/national regulations.

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

Collect spillages as soon as possible by using an absorbent material. Dispose of absorbed material in accordance within the regulations. Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

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

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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Preventive handling precautions

Ensure good ventilation. Wear personal protective equipment. Keep suitable chemically resistant protective clothing readily available for emergency use.

#### General hygiene

When using, do not eat, drink or smoke. Wash hands thoroughly after handling.

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

Observe all regulations and local requirements regarding storage of containers.

Store in a well ventilated place. Keep cool.

Avoid contact with highly oxidizing substances, concentrated acid and strong bases. Avoid strong reducing agents.

Avoid high temperatures. Protect from low temperatures.

Protect from heat and direct sunlight. Keep only in original container.

Storage temperature + 0°C och + 60°C.

Shelf life is expected to be 6 years when stored at recommended storage conditions and its 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

The product contains no substances with occupational exposure limit(s).

### 8.2. Exposure controls

#### Appropriate engineering controls

Ensure effective ventilation.

#### Eye / face protection

Safety glasses with side-shields conforming to EN166.

#### Hand protection

Wear protective gloves. The gloves must conform to the standard EN 374.

#### Other skin protection

Wear protective clothing. Chemical resistant protective clothing.

#### Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

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## SECTION 9: Physical and chemical properties

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

**Physical state**

Liquid

**Colour**

Colourless to yellowish

**Odour**

Characteristic

**Melting point / freezing point**

< 0 °C

**Boiling point or initial boiling point and boiling range**

No data available

**Flammability**

No data available

**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**

6 - 9

**Kinematic viscosity**

No data available

**Solubility**

Water-soluble

**Partition coefficient n-octanol/water**

No data available

**Vapour pressure**

No data available

**Density and/or relative density**

1.01 - 1.07

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## Relative vapour density

No data available

## Particle characteristics

No data available

### 9.2. Other information

Brytningsindex 1.33 - 1.37

Viskositet, dynamisk 1 - 5 cP

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions are known under normal use.

### 10.4. Conditions to avoid

None under normal conditions.

### 10.5. Incompatible materials

No additional information available.

### 10.6. Hazardous decomposition products

No hazardous decomposition products under normal handling.

## 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.

#### Skin corrosion/irritation

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

#### Serious eye damage/irritation

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

#### Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. Allergic reactions may occur in sensitized persons.

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## **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.

## **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**

No information available.

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

#### **Acute toxicity**

The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

### **12.2. Persistence and degradability**

No additional information available.

### **12.3. Bioaccumulative potential**

No additional information available.

### **12.4. Mobility in soil**

#### **Mobility**

No additional information available.

### **12.5. Results of PBT and vPvB assessment**

No additional information available.

### **12.6. Endocrine disrupting properties**

No data available

### **12.7. Other adverse effects**

#### **Other adverse effects**

No additional information available.

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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal considerations

Deposited in a landfill or destroyed according to local regulations.

## SECTION 14: Transport information

### 14.1. UN number

Not dangerous goods according to transport regulations.

### 14.2. UN 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

Contains no substances from the candidate list REACH.

Contains no substances subject to restrictions according to Annex XVII of REACH.

Contains no substances listed in Annex XIV of REACH.

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).

#### National regulations

Control of Substances Hazardous to Health 2002 (COSHH).



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## 15.2. Chemical safety assessment

No chemical safety assessment has been performed.

## SECTION 16: Other information

### Abbreviations

PBT: Persistent, Bioaccumulative and Toxic.

vPvB: very Persistent and very Bioaccumulative.

### Phrase meaning

Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4

Skin Irrit. 2 - Skin irritation, hazard category 2

Skin Sens. 1 - Skin sensitisation, hazard category 1

Eye Dam. 1 - Serious eye damage, hazard category 1

Aquatic Acute 1 - Hazardous to the aquatic environment — Acute hazard category 1

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H400 Very toxic to aquatic life.

### Other

#### Additional information

EUH208 Contains 1,2-Benzisothiazol-3(2H)-one. May produce allergic reaction.

EUH210: Safety data sheet available on request.