

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1. Product identifier:
PROTECT XTRA+ Security fog fluid
- 1.2. Relevant identified uses of the mixture and uses advised against:
Security product for industrial, consumer and professional use.
- 1.3. Details of the supplier of the safety data sheet:
Distributor:
ATC SYSTEMS SRL
535500 Gheorgheni, cart. Florilor nr. 23/3.
Romania
Web: www.protectglobal.com.ro
- Information about the manufacturer:
Protect A/S
Jegstrupvej 30
8361 Hasselager
Denmark
E-mail: lja@eurofins.dk
Tel.: + 45 86 72 18 81
- 1.3.1. Responsible person: Belai Dan
E-mail: info@protectromania.ro
- 1.4. Emergency telephone number: **Public Toxicological Health Service (ETTSZ)**
1096 Budapest, Nagyvárad tér 2.
Tel.: 06 1 476 6464, 06 80 201 199 (0-24 h)

SECTION 2: HAZARDS IDENTIFICATION

- 2.1. Classification of the mixture:
Classification according to Regulation 1272/2008/EC (CLP):
Not considered as hazardous mixture.
Warning **H statements:** none.
- 2.2. Label elements:
Warning **H statements:** none.
Precautionary **P statements:** none.
- 2.3. Other hazards:
May cause mild eye irritation. May cause mild skin irritation.
May cause respiratory tract irritation. May cause irritation of the digestive tract.
The product does not contain materials that meet the criteria for PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

- 3.1. Substance:
Not applicable.
- 3.2. Mixture:

The product does not contain any substances which considered as hazardous, or the concentration of hazardous substances does not reach the extent stated in the relevant regulations, therefore it is not necessary to indicate them in the safety data sheet.

SECTION 4: FIRST AID MEASURES

- 4.1. Description of first aid measures:
IN CASE OF INGESTION:
Measures:
 - Do not induce vomiting.
 - Drink water or milk and seek medical attention.IN CASE OF INHALATION:
Measures:
 - Seek fresh air.IN CASE OF SKIN CONTACT:
Measures:
 - Wash the skin with water and soap.
 - Use suitable lotion to moisturize skin.IN CASE OF EYE CONTACT:
Measures:
 - Flush immediately with water for at least 15 minutes.
 - If irritation persists or recurs seek medical attention.
- 4.2. Most important symptoms and effects, both acute and delayed:
Inhalation: May cause respiratory tract irritation.
Skin contact: May cause mild skin irritation.
Eye contact: May cause mild eye irritation.
Ingestion: May cause irritation of the digestive tract.
- 4.3. Indication of any immediate medical attention and special treatment needed:
No special treatment needed, treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

- 5.1. Extinguishing media:
5.1.1. Suitable extinguishing media:
Carbon dioxide, alcohol resistant foam, powder or water fog.
5.1.2. Unsuitable extinguishing media:
No data available.
- 5.2. Special hazards arising from the substance or mixture:
The product is not flammable.
In case of fire, smoke, toxic gases and other combustion products may be formed. The inhalation of these combustion products may have serious adverse effects on health.
- 5.3. Advise for firefighters:
Wear full protective clothing and self-contained breathing apparatus.
Cool the fire affected containers with water spray.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures:
6.1.1. For non-emergency personnel:
Keep unprotected people away, allow only well-trained experts wearing suitable protective clothing to abide in the field of accident.
6.1.2. For emergency responders:
Wear appropriate personal protective equipment (see section 8).
- 6.2. Environmental precautions:
Prevent access to drains, sewers, waterways and soil. See section 12.
- 6.3. Methods and material for containment and cleaning up:
Collect the spilled product with absorbent (vermiculite, dry sand or earth), then place into a suitable waste container for removal/disposal. Any waste after activating the fog generator can be cleaned up with hot water and soap. See disposal considerations in section 13.

- 6.4. Reference to other sections:
For further and detailed information see section 8 and 13.

SECTION 7: HANDLING AND STORAGE

- 7.1. Precautions for safe handling:
Observe conventional hygiene precautions.
Valid for the liquid:
Avoid skin and eye contact.
Wear protective gloves, if skin contact is unavoidable. See section 8.
Valid for the fog:
Use with adequate ventilation. It is important that airing is begun within one hour after activating the fog generator. It only takes about 20 minutes of airing to clean the room.
Technical measures:
Use with adequate ventilation.
Precautions against fire and explosion:
No special measures required.
- 7.2. Conditions for safe storage, including any incompatibilities:
Technical measures and storage condition:
Store in a cool, dry place.
Store in tightly sealed container.
Incompatible materials: see section 10.5.
Packaging material: no special prescriptions.
- 7.3. Specific end use(s):
No specific instructions available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. Control parameters:

Occupational exposure limit values:

The components of the mixture are not regulated with exposure limit value.

| DNEL | | Routes of exposure | Exposure frequency: | Remarks: |
|-------------------|-------------------|--------------------|--|-------------------|
| Worker | Consumer | | | |
| no data available | no data available | Dermal | Short term (acute) Long term (repeated) | no data available |
| no data available | no data available | Inhalative | Short term (acute) Long term (repeated) | no data available |
| no data available | no data available | Oral | Short term (acute) Long term (repeated) | no data available |

| PNEC | | | Exposure frequency: | Remarks: |
|-------------------|-------------------|-------------------|---|-------------------|
| Water | Soil | Air | | |
| no data available | no data available | no data available | Short term (single use) Long term (continuous) | no data available |
| no data available | no data available | no data available | Short term (single use) Long term (continuous) | no data available |
| no data available | no data available | no data available | Short term (single use) Long term (continuous) | no data available |

- 8.2. Exposure controls:
In case of a hazardous material with no controlled concentration limit it is the employer's duty to keep concentration levels down to a minimum achievable by existing scientific and technological means, where the hazardous substance poses no harm to workers.
- 8.2.1. Appropriate engineering controls:
In pursuance of work is proper foresight needed to avoid spilling onto clothes and floors and to avoid contact with eyes and skin.
- 8.2.2. Individual protection measures, such as personal protective equipment:
1. Eye/face protection: use appropriate goggles (EN 166).
 2. Skin protection:
 - a. Hand protection: use appropriate protective rubber gloves (EN 374).
 - b. Other: none required.

3. Respiratory protection: none required.

4. Thermal hazards: none known.

8.2.3. Environmental exposure controls:

Dispose of in accordance with local authority requirements. See section 13.

The requirements detailed in Section 8 assume skilled work under normal conditions and usage of the product for appropriate aims. If conditions differ from normal or work is carried out under extreme conditions an expert's advice should be sought out before deciding upon further protective measures.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

| Parameter | Test method: | Remarks: |
|---|--------------------|----------|
| 1. Appearance: | liquid | |
| 2. Odour: | no data available* | |
| 3. Odour threshold: | no data available* | |
| 4. pH value: | no data available* | |
| 5. Melting point/ freezing point: | no data available* | |
| 6. Initial boiling point and boiling range: | no data available* | |
| 7. Flash point: | no data available* | |
| 8. Evaporation rate: | no data available* | |
| 9. Flammability (solid, gas): | no data available* | |
| 10. Upper/lower flammability or explosive limits: | no data available* | |
| 11. Vapour pressure: | no data available* | |
| 12. Vapour density: | no data available* | |
| 13. Relative density: | no data available* | |
| 14. Solubility(ies): | miscible | |
| 15. Partition coefficient: n-octanol/water: | no data available* | |
| 16. Auto-ignition temperature: | no data available* | |
| 17. Decomposition temperature: | no data available* | |
| 18. Viscosity: | no data available* | |
| 19. Explosive properties: | no data available* | |
| 20. Oxidizing properties: | no data available* | |

9.2. Other information:

No data available.

*: The manufacturer did not carry out any tests on this parameter for the product or the results of the tests are not available at the time of publication of the data sheet.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:

Stable under normal temperatures and pressures.

10.2. Chemical stability:

Stable.

10.3. Possibility of hazardous reactions:

See Section 10.5.

10.4. Conditions to avoid:

Avoid contact with incompatible materials.

10.5. Incompatible materials:

Strong oxidizing agents.

10.6. Hazardous decomposition products:

Carbon oxides.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

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/eye 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.

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.

- 11.1.1. For substances subject to registration, brief summaries of the information derived from the test conducted:
No data available.
- 11.1.2. Relevant toxicological properties of the hazardous substances:
No data available.
- 11.1.3. Information on likely routes of exposure:
Ingestion, inhalation and skin contact.
- 11.1.4. Symptoms related to the physical, chemical and toxicological characteristics:
Inhalation: May cause respiratory tract irritation.
Skin contact: May cause mild skin irritation.
Eye contact: May cause mild eye irritation.
Ingestion: May cause irritation of the digestive tract.
- 11.1.5. Delayed and immediate effects as well as chronic effects from short and long-term exposure:
None expected.
- 11.1.6. Interactive effects:
None expected.
- 11.1.7. Absence of specific data:
No information.
- 11.1.8. Other information:
No data available.

SECTION 12: ECOLOGICAL INFORMATION

- 12.1. Toxicity:
The product contains no materials with the duty of disclosure.
- 12.2. Persistence and degradability:
The product is expected to be readily biodegradable in the environment.
- 12.3. Bioaccumulation potential:
The product is not expected to bioaccumulate.
- 12.4. Mobility in soil:
Not known.
- 12.5. Results of PBT and vPvB assessment:
The product does not contain substances that meet the criteria for PBT or vPvB substances.
- 12.6. Other adverse effects:
No data available.

SECTION 13: DISPOSAL CONSIDERATIONS

- 13.1. Waste treatment methods:
Disposal according to the local regulations.
- 13.1.1. Information regarding the disposal of the product:
Dispose of in accordance with local authority requirements.
European Waste Code:
07 01 99 wastes not otherwise specified
- 13.1.2. Information regarding the disposal of the packaging:
Dispose of in accordance with local authority requirements.
- 13.1.3. Physical/chemical properties that may affect waste treatment options shall be specified:
None known.
- 13.1.4. Sewage disposal:
None known.
- 13.1.5. Special precautions for any recommended waste treatment:
No data available.

SECTION 14: TRANSPORT INFORMATION**Not dangerous good in sense of the transport regulations.**

- 14.1. UN Number:
None.
- 14.2. UN proper shipping name:
None.
- 14.3. Transport hazard class(es):
None.
- 14.4. Packaging group:
None.
- 14.5. Environmental hazards:
No relevant information available.
- 14.6. Special precautions for user:
No relevant information available.

- 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code:
Not applicable.

SECTION 15: REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:
REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

- 15.2. Chemical safety assessment: none.

SECTION 16: OTHER INFORMATION

Information regarding the revision of the safety data sheet: none.

Full text of the abbreviations in the safety data sheet:

DNEL: Derived no effect level. PNEC: Predicted no effect concentration. CMR effects: carcinogenicity, mutagenicity and toxicity for reproduction. PBT: Persistent, bioaccumulative and toxic. vPvB: Very Persistent, Very Bioaccumulative. n.d.: not defined. n.a.: not applicable.

Data sources:

safety data sheet (dated 05. 11. 2010.) issued by the manufacturer.

Methods used for the classification according to Regulation 1272/2008/EC: based on the calculation method carried out on the basis of the known hazards of the components, not considered as hazardous mixture.

Relevant H-Phrases (number and full text) of Section 2 and 3: none.

Training advice: no data available.

This safety data sheet had been prepared on the basis of information provided by the manufacturer/supplier and conform to the relevant regulations.

The information, data and recommendations contained herein are provided in good faith, obtained from reliable sources and believed to be true and accurate as of the date issued; however, no representation is made as to the comprehensiveness of the information. The SDS shall be used only as a guide for handling the product; in the course of handling and using the product other considerations may arise or be required.

Users are cautioned to determine the appropriateness and applicability of the above information to their particular circumstances and purposes and assume all risk associated with the use of this product. It is the responsibility of the user to fully comply with local, national and international regulations concerning the use of this product.

Safety data sheet was prepared by: ToxInfo Kft.

Professional help regarding the explanation of the safety data sheet:
+36 70 335 8480; info@msds-europe.com