

Material Safety Data Sheet

According to REACH Regulation (EC) No 1907/2006 of the European Parliament

1. Identification of the substance/mixture and of the company/undertaking

Product identifier: PROTECT FOG FLUID

Relevant identified uses of the substances or mixture and uses advised against:
Fog fluid

Details of the supplier of the safety data sheet:

Company: Protect A/S
Hasselager Centervej 5
8260 Viby J
Denmark

Contact person: support@protectglobal.com

Emergency telephone number: +45 86 72 18 81

Date: June 2018



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2. Hazards identification

Classification of the substance or mixture:

The product is not classified as hazardous according to EEC Regulations 67/548/EEC and 99/45/EEC and to Regulation (EC) No 1272/2008 of the European Parliament and of the Council (CLP).
May cause mild eye irritation. May cause mild skin irritation.

Label elements:

Labelling according to EC (67/548 or 1999/45)

The product is not classified as hazardous according to EEC Regulations 67/548/EEC and 99/45/EEC.

Labelling according to CLP (1272/2008):

The product is not classified as hazardous according to Regulation (EC) No 1272/2008 of the European Parliament and of the Council (CLP).

Other hazards:

PBT/vPvB: The substances are not PBT/vPvB according to the criteria in Annex XIII..

3. Composition/information on ingredients

Substances: -

Mixtures:

<u>Contains among others</u>	<u>CAS-No.</u>	<u>EC No.</u>	<u>Index-No.</u>	<u>Content %</u>	<u>REACH reg.-No.</u>	<u>Classification</u>
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The product contains no materials duty of disclosure according to EEC regulations 67/548/EEC and 99/45 EEC and Regulation (EC) No 1272/2008 of the European Parliament and of the Council (CLP).

4. First aid measures

Description of first aid measures:

Inhalation:

Seek fresh air.

Skin contact:

Wash the skin with water and soap. Use suitable lotion to moisturise skin.

Eye contact:

Flush immediately with water for at least 15 minutes. If irritation persists or recurs seek medical attention.

Ingestion:

Do not induce vomiting. Drink water or milk and seek medical attention.

Most important symptoms and effects, both acute and delayed:

May cause mild eye irritation. May cause mild skin irritation.

Indication of any immediate medical attention and special treatment needed:

None.



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5. Firefighting measures

Extinguishing media:

Carbon dioxide, alcohol resistant foam, powder or water fog.

Special hazards arising from the substance or mixture:

The product is not flammable. In case of fire toxic gases is liberated.

Advice for firefighters:

Keep containers cool with water spray. Breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Personal equipment: See section 8.

Environmental precautions:

Prevent access to drains, sewers, waterways and soil. See section 12.

Methods and material for containment and clearing up:

Absorb in vermiculite, dry sand or earth and place into containers. Any waste after activating the fog generator can be cleaned up with hot water and soap. Disposal: See section 13.

References to other sections:

See above.

7. Handling and storage

Precautions for safe handling:

Valid for the liquid: Avoid skin and eye contact. Wear 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.

Conditions for safe storage, including any incompatibilities:

Store in a cool, dry place. Store in a tightly closed container.

Specific end use(s):

See use of the substance in section 1.

8. Exposure controls/personal protection

Control parameters:

Occupational Exposure Standard, Threshold limit values (2007).

None.

DNEL: No CSR

PNEC: No CSR



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8. Exposure controls/personal protection

Exposure controls:

Appropriate engineering controls:
None.

Individual protection measures, such as personal protective equipment:

Eye/face protection: E.g. goggles.
Skin protection: E.g. rubber gloves.
Respiratory protection: None.

Environmental exposure controls:

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

9. Physical and chemical properties

Information on basic physical and chemical properties:

Appearance: Liquid	Vapour pressure: -
Odour: -	Vapour density: -
Odour treshold: -	Relative density:
pH: -	Solubility(ies): Miscible
Melting point/freezing point: -	Partition coefficient: n-octanol/water: -
Initial boiling point and boiling range: -	Auto-ignition temperature: -
Flash point:	Decomposition temperature: -
Evaporation rate: -	Viscosity: -
Flammability (solid, gas): -	Explosive properties: -
Upper/lower flammability or explosive limits: -	Oxidising properties: -

Other information: -

-: Means no data or not relevant

10. Stability and reactivity

Reactivity:

Stable under normal temperatures and pressures.

Chemical stability:

Stable.

Possibility of hazardous reactions:

None known.

Conditions to avoid:

Avoid contact with strong oxidizing agents.

Incompatible materials:

None known.



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Hazardous decomposition products:

Carbon oxides.

11. Toxicological information**Information on toxicological effects:**

Hazard class	Test data	Test method	Source
Acute toxicity: Inhalation Dermal Oral	The product contains no materials duty of disclosure - - -	- - -	- - -
Irritation: Corrosivity:	-	-	-
Sensitisation:	-	-	-
Repeated dose toxicity: Carcinogenicity: Mutagenicity: Toxicity for reproduction:	-	- - -	- - -

Information on likely routes of exposure: Through ingestion, inhalation and skin exposure.

Symptoms related to the physical, chemical and toxicological characteristics:**Inhalation (fog only):**

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.

Delayed and immediate effects as well as chronic effects from short and long time exposure:

None expected.

Interactive effects:

None expected.

Absence of specific data:

None.

Mixture versus substance information:

None.

Other information:

None.

12. Ecological information

Toxicity:			
Aquatic	Test Data	Test method	Source
Fish	The product contains no materials duty of disclosure -	-	-
Aquatic	-	-	-
Algae	-	-	-
Persistence and degradability:			
The product is expected to be readily biodegradable in the environment.			
Bioaccumulative potential:			
Product is not expected to bio accumulate.			
Mobility in soil:			
Not known.			
Results of PBT and vPvB assessment:			
The substances are not PBT/vPvB according to the criteria in Annex XIII.			
Other adverse effects:			
No available information			

13. Disposal considerations

Waste treatment methods: Dispose of in accordance with local authority requirements.
EWC-code: 07 01 99

14. Transport information

The product is not considered dangerous goods.	
UN-number: -	UN proper shipping name: -
Transport hazard class(es): -	Packing group: -
Environmental hazards: -	Special precautions for user: -
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: -	

15. Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture: None.
Chemical safety assessment: No CSA.

16. Other information

A key for the abbreviations and acronyms in the safety data sheets:

CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
EC₅₀ = Effect Concentration 50%
LC₅₀ = Lethal Concentration 50%
PBT= Persistent, Bioaccumulative, Toxic
vPvB = very Persistent, very Bioaccumulative

Literature references:

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Other information:

The Material Safety Data Sheet is elaborated according to REACH Regulation (EC) No 1907/2006 of the European Parliament.



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