

Safety Data Sheet (according to EC No. 1907/2006)

Trade name: **FireEx[®] C-Marine - Gel foam concentrate 0,1 – 6%**

01. Subject/Preparation & Company denomination:

Trade Name:	FireEx[®] C-Marine - Gel-foam concentrate 0,1- 6 %
Product use/preparation:	Concentrate for extinguishing agents
Manufacturer/Supplier:	Prevent Tec Slovenija
Street/POB::	Trubarjeva ulica 55a
ZIP-Code/City:	3000 Celje
Contact for technical enquiries:	info@prevent-tec.org
Phone:	+386 (0) 40 886 882
Telefax:	+386 (0) 40 886 882
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Emergency Phone:	+386 (0) 40 886 882

02. Potential hazards:

Hazard Denomination:	No health threatening effects are known or can be expected if used in accordance with the regulations
Additional Information for humans & environment:	Do not discharge into open waters

03. Composition/Details of the ingredients:

Chemical characterization:	Surfactant as foamer, thickening agent, potable water, stabilizers Does <u>not</u> contain any fluorosurfactant (no AFFF, FFFP, PFOS or PFOA), butyldiglycol, phosphates or silicates
Hazardous ingredients:	None
Classification:	Not subject to specific labeling
Ingredients with prescribed EC-Threshold values:	None
Classification:	n/a, non-hazardous good

04. First aid measures:

After inhalation:	Move person to a fresh air environment
After skin contact:	Flush with water, use skin cream
After eye contact:	Flush with large amounts of water, consult a physician if needed
After ingestion:	Consult a physician
Note to doctor:	n/a

05. Measures for firefighting:

Unsuitable extinguishing agent:	n/a, since it is an extinguishing agent
Specific hazards of the agent or its preparation, its combustion product or accruing gases:	None, combustion products are CO ₂ and H ₂ O
Specific protective equipment for fire fighters:	n/a, since it is an extinguishing agent
Additional note:	n/a, since it is an extinguishing agent

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06. Measures in case of unintended release:

Personal precautions:	Wear safety gloves/safety glasses
Environmental precautions:	Do not discharge into waters
Cleanup methods:	Clean it up, dispose it in a controlled manner
Additional information:	see above

07. Application and storage:

Advices for safe handling:	Keep the cask tightly sealed. Prevent leakage
Advices for fire and explosion protection:	None
Further advices:	None
Storage conditions:	Protect from frost
Storage room and container conditions:	n/a
Storage Classification VCI:	n/a
Particular use:	n/a

08. Limitation and control of exposure/Personal protective gear:

Limit values of exposure at the working place and/or biological limit values:

Specification:	n/a
Value:	n/a
Peak limit:	n/a
Toxicity of reproduction:	n/a

Workplace limit values/German workplace limit values of EC:

Specification:	n/a
Short term exposure value (STEL):	n/a
Long term exposure value (8hTWA):	n/a
Note "skin":	n/a

Limitation and control of exposure:	n/a
Personal protective gear:	Safety glasses/gloves
Breathing protection:	n/a
Hand guard:	Material of gloves: no specifics
Eye protection/body protection:	n/a
Details to work hygiene/environmental protection measures:	Prevent leakage, clean with water after skin contact
Note:	not irritating, not caustic

09. Physical and chemical properties:

Appearance:

State of aggregation:	Fluid, of low viscosity (Gel)
Color:	Beige
Odor:	Neutral

Security relevant data:

FireEx® C-Marine SiDat MSDS SDS Reach PTG 03.08.2022 ENG
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Explosion risk:	n/a
Lower explosion limit:	n/a
Upper explosion limit:	n/a
Vapor pressure:	n/a
Density:	1000 – 1050 g/l at 20°C
Water solubility:	> 99 % soluble
pH-value (at 20°C, at 10 g/l H ₂ O):	7.0 ± 1.0
Boiling point/range:	100°C
Flash point:	n/a
Ignition point	n/a

10. Stability and reactivity:

Conditions to avoid:	n/a
Substances to avoid:	n/a
Hazardous decomposition products:	None, only CO ₂ and H ₂ O

11. Information about toxicology:

Acute oral toxicity:	2000 mg/kg	(Rat)
Skin compatibility:	not irritating	(Rabbit eye)
Mucosa compatibility:	not irritating	(Rabbit)
Practical experiences:	see above	
Information about ingredients:	see above	

12. Information about ecology:

Eco-toxicity:	Very easily bio-degradable according to OECD
Mobility/persistency and degradability:	> 98 % soluble, CSB 560 mg O ₂ /ml
Bioaccumulation potential:	see above
Finding results of PBT properties:	n/a
Other harmful effects:	n/a

13. Details about disposal:

Substance/preparation recommendation:	Recycling, dumpsite/combustor, dispose it off with the debris
Waste code according to the Waste Catalogue Ordinance (Packaging and polluted packaging)	160306

14. Information about transport:

Overland transport ADR/RID:	Non-hazardous material in terms of transport regulations		
Classification category:	n/a	Hazard number:	n/a
UN-No.:	n/a	Classification code:	n/a
Description of the goods:	n/a	Hazard inducer:	n/a
Packing:	n/a	Packing group:	n/a
Hazard label:	n/a	Limited quantity:	n/a
Sea transport IMDG/GGVSee:			
Classification/IMDG-code:	n/a	EmS :	n/a
UN-No.:	n/a	Marine Pollutant:	n/a

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Description of the goods:	n/a	Hazard inducer:	n/a
Packing group:	n/a	Hazard label:	n/a
Air transport ICAO-TI and IATA-DGR classification:			
Category:	n/a	UN-No.:	n/a
Description of the goods:	n/a	Hazard inducer:	n/a
Packing:	n/a	Packing group:	n/a
Hazard label:	n/a		

15. Regulations:

Chemical Safety Assessment:	WGK = 1 (Self-Classification) Germany		
Classification to EU-Directives:			
Code Letter and hazard designations of the goods:	n/a, non-hazardous good		
Hazard determining components for the labeling:	None		
R-phrase:	None		
S-phrase:	None		
EU regulations:	None	National regulations:	None
Water hazard class:	WGK = 1 (Self-Classification) Germany		
Technical instructions on Air Quality (TA Luft):	n/a		
Hazardous Incident Ordinance (12. BImSchV):	n/a		
Solvents Emissions Directive (31. BImSchV):	n/a		
Employment restrictions:	n/a		

16. Other information:

Co-applicable EU regulations:	n/a
Restrictions of use recommended by the manufacturer:	Observe the information provided by the manufacturer
Further information:	Flowed agent causes slip hazard Does not contain any fluorosurfactant, butylglycol, phosphates or silicates Is not subject of specific labelling / non-hazardous good

Mixing rate can be adjusted according to the needs from 0,1 up to 6%

The information stated in this Safety Datasheet responds to our current standard of knowledge and is complying with the national as well as with the EU-Legislation. The given labor conditions of the user are unknown to us and beyond our control. Without prior written approval the product must not be used for other purpose than declared in chapter 1. It is the user's responsibility to comply with all necessary legal regulations. Information given in this Safety Datasheet are describing the safety requirements of our product, however we do not take any guarantee or assurance of the properties. Information refers to the conditions of the product at the time of delivery.

This Safety Datasheet was established by means of software. In case of absent entries in the chapters 2, 3, 8, 15 and 16 the product does not contain any mentionable substances and is not subject of specific labeling.

Prior to use, the user is obliged to run a trial about the efficiency and the durability of ifoam. In case of incorrect handling of ifoam we take no responsibility for damages or for consequential damages.