

SAFETY DATA SHEET

Compliant with: Regulation (EC) Nr. 1907/2006 (REACH), Regulation (EC) Nr. 1272/2008 (EU-GHS, CLP)

CF7 – all-purpose wetting agent

Revised: February 6th, 2026.

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

1.1 Product identifier

Product name:

Flamblocker CF7 – All-purpose wetting agent

Product description:

Colourless liquid

Other means of identification:

HS Code: 38130000

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

Identified uses:

Non-hazardous fire extinguishing agent.

Used to hinder temperature increase, prevent ignition and re-ignition of fire, reduce smoke development, and improve dispersion of extinguishing media.

Suitable for application on fire classes **A, B, F, and D**, Li-ion Batteries and for use as a fat and grease cleaner.

Dilution with water (typical use concentrations):

- Fire class A: 1–3 %
- Fire class B: 3–6 %
- Fire class F / D: up to 12 %

Uses advised against:

Use outside the recommended dilution ranges or for applications not consistent with the specified fire classes.

1.3 Details of the supplier of the safety data sheet

Supplier / Responsible party (global distribution):

Flamblocker BV
Brandpunt 32
1705 SK Heerhugowaard
The Netherlands

Telephone (responsible person):

+31 6 288 47 131 (Mr. Martijn Beerthuizen)

Email (competent person responsible for the SDS):

info@flamblocker.com

Website:

www.flamblocker.com

Manufacturer:

C-Fire NV
Frank Van Dyckelaan 3
9140 Temse
Belgium

Telephone:

+32 3 710 69 01

Email:

info@c-fire.eu

Website:

www.c-fire.eu

1.4 Emergency telephone number

Emergency telephone number (chemical emergency advice):

+31 6 288 47 131 (Mr. Martijn Beerthuizen, Flamblocker BV)

Availability:

24 hours / 7 days

SECTION 2: HAZARD IDENTIFICATION

2..1 Classification of the substance or mixture

This product does not meet the criteria for classification in any hazard class according to Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures. However, a safety data sheet is being supplied for it upon request of distributors.

2..2 Label elements

No hazards or precautionary statements applicable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Not applicable.

3.2 Mixtures

Water-based solution of plant extracts and alkali-salts of inorganic acids;

No dangerous substances, no foams, no aff.

No PBT, PFAS, PFOS and PFOA. No vPvB substances. Fluorine free.

SECTION 4: FIRST AID MEASURES

Inhalation: no harm

Skin contact: wash affected area with soap and water

Eyes: remove contact lenses. Flush eyes with clear running water while holding eye lids open.

Ingestion: non-toxic, if swallowed (by large quantities) do not induce vomiting, seek medical advice immediately.

SECTION 5: FIRE FIGHTING MEASURES SECTION

General hazards: no danger of fire, product itself is fire extinguishing agent.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Action to be taken in case of, material is being released or spilled: flush area with water.

SECTION 7: HANDLING AND STORAGE

Precautions to be taken in handling and storage: protect from extreme temperatures to keep strength of solution

Shelf life: not limited.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure control: none required

Personal protection: practice safe workplace habits

Respiratory protection (specify type): none required

Protective gloves: none required

Eye protection: none required

Other protective clothing or equipment: none required

Work / hygienic practices: practice safe workplace habits.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid,
Odor: Slightly fresh smell
pH (20°C): 7,5 - 7,8
Melting point : similar to water, not determined
Freezing point: -30°C
Initial boiling point and boiling range: similar to water, not determined
Relative density: 1,02
Solubility in water: 100% , water solution
Kinetic Viscosity (20°C) : 72,42 mm²/s
Refractive Index (20°C) : 1.37582 (nD)

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: no known reactions
10.2 Chemical stability: Under storage at normal ambient temperatures (to keep strength of solution), the product is stable.
10.3 Possibility of hazardous reactions: No hazardous reaction when handled and stored according to provisions
10.4 Conditions to avoid: extreme temperatures (to keep strength of solution)
10.5 Incompatible materials: not known
10.6 Hazardous decomposition products: no known hazardous decomposition products

SECTION 11: TOXICOLOGICAL INFORMATION

Not known any toxicological (health) effects
No PBT, PFAS, PFOS and PFOA. No vPvB substances. Fluorine free.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity
Testing of acute toxicity on green algae (*Raphidocelis subcapitata*):
ErC₅₀, 72 h, 57 mg L⁻¹, not acute toxic to that aquatic organisms
Testing of acute toxicity on *Daphnia magna* Straus (Cladocera, Crustacea):
EC₅₀, 48 sati, > 1000 mg L⁻¹, not acute toxic to that aquatic organisms
Testing of inhibition of grow of active-mud-microorganisms:
EC₅₀ > 1000 mg L⁻¹, not acute toxic to that organisms
No PBT, PFAS, PFOS and PFOA. No vPvB substances. Fluorine free.
12.2 Persistence and degradability
Abiotic Degradation: Not determined
Physical- and photo-chemical elimination: Not determined
Biodegradability (21 days): 100,0 %; testing method according to EN ISO 9439:2000 (*Daphnia magna*)

12.3 Bioaccumulative potential
Not determined

12.4 Mobility in soil
Not determined
12.5 Results of PBT and vPvB assessment
CF 7 - all purpose wetting agent is rapid 100% biodegradable mixture with no PBT (Persistence, Bioaccumulation, Toxicity) and no vPvB substances.
100% biodegradable.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Not considered as a hazardous waste. Dispose after diluting with water.

No PBT, PFAS, PFOS and PFOA. No vPvB substances.

SECTION 14: TRANSPORT INFORMATION

CF 7 – all-purpose wetting agent is not labeled as hazardous material. (100% biodegradable)

No restriction for transportation of product.

Customs Commodity Code (HS code): 38130000

EAN Code: 5407008000288

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or

Mixture Not known any specific regulation, 100% biodegradable

15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: OTHER INFORMATION

Disclaimer:

This SDS is to the best of our knowledge and belief, accurate and reliable as of the date compiled.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet.

Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.

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