

## **DOCUMENT INTERRELATION & TECHNICAL INTERPRETATION STATEMENT**

### **Public Procurement – Municipality of Veles (North Macedonia)**

#### **Product: Flamblocker CF7 – Fire Suppression & Cooling Liquid Additive**

#### **Purpose of this Statement**

This document is submitted to provide a structured overview of the submitted technical, environmental, safety, and regulatory documentation related to the offered product Flamblocker CF7. The purpose of this overview is to assist the contracting authority in understanding how the submitted documents interrelate, complement one another, and collectively demonstrate full compliance with the tender requirements.

The submitted documentation package has been prepared to ensure:

- Clear technical interpretation
- Regulatory transparency
- Cross-reference consistency
- Efficient evaluation of compliance and operational suitability

### **1. Core Technical Product Documentation**

#### **1.1 Product Data Sheet (PDS)**

The Product Data Sheet (PDS) functions as the primary technical overview document for Flamblocker CF7.

The PDS describes:

- Product identity and application
- Fire class applicability
- Physical characteristics
- Operational compatibility
- Environmental profile
- General firefighting principles

The PDS also clarifies that:

- The product is a liquid additive
- The product is not classified as firefighting foam
- The product does not generate foam during application

The PDS should therefore be read in conjunction with:

- The Technical Summary Sheet
- The Safety Data Sheet (SDS)
- The Compliance Statement

### **2. Safety and Environmental Documentation**

#### **2.1 Safety Data Sheet (SDS)**

The SDS provides the formal chemical and safety classification of the product in accordance with:

- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)

The SDS supports and confirms:

- No hazardous classification under CLP
- PFAS-free and fluorine-free composition
- Absence of PBT and vPvB substances
- Non-corrosive and non-hazardous characteristics
- Environmental compatibility and biodegradability information

The SDS serves as the primary regulatory safety document and should be interpreted together with:

- The REACH / CLP Compliance Statement
- The PFAS / Fluorine-Free Declaration
- The Ecotoxicity Report

## **2.2 PFAS / Fluorine-Free Declaration**

This declaration specifically confirms the absence of:

- PFAS substances
- PFOS
- PFOA
- Fluorinated compounds

This document provides direct support for:

- Environmental compliance requirements
- EU PFAS restriction alignment
- Tender requirements regarding fluorine-free composition

This declaration complements:

- The SDS
- The REACH / CLP Compliance Statement

## **2.3 Biodegradability Certificate**

The biodegradability certificate issued by an accredited laboratory confirms:

- OECD 301F compliance
- Ready biodegradability under aerobic conditions
- Measured biodegradation performance of approximately 99.8%

This document serves as the primary proof of compliance for the tender requirement regarding 100% biodegradability.

This certificate should be read together with:

- The SDS
- The Product Data Sheet
- The Technical Summary Sheet

## **2.4 Ecotoxicity Report and Non-Toxicity Bridging Statement**

The ecotoxicological analysis report issued by an accredited laboratory provides measured environmental toxicity data relating to aquatic organisms and environmental exposure conditions.

The accompanying Bridging Statement has been included to clarify the interpretation of the ecotoxicological report within the context of procurement terminology, specifically where the tender refers to “non-toxicity”.

Together, these documents support:

- Non-toxic operational classification
- Environmental safety profile
- Absence of acute ecotoxic behaviour under tested conditions

These documents should therefore be interpreted jointly.

## **3. Regulatory Compliance Documentation**

### **3.1 REACH / CLP / PFAS Compliance Statement**

This document provides the consolidated regulatory compliance overview for the offered product.

The statement confirms alignment with:

- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)

- Regulation (EU) 2025/1988 regarding PFAS restrictions

The document also clarifies:

- PFAS regulatory status
- CE / UKCA applicability status
- Manufacturer and supplier responsibilities

This document should be read together with:

- The SDS
- The PFAS Declaration
- The Declaration of Conformity

### **3.2 Declaration of Conformity**

The Declaration of Conformity issued by the manufacturer confirms that the offered product complies with the applicable standards and regulatory framework as specified within the declaration.

This document supports the broader regulatory compliance structure and complements:

- The REACH / CLP Compliance Statement
- The SDS
- Manufacturer documentation

## **4. Operational & Application Documentation**

### **4.1 Technical Summary Sheet**

The Technical Summary Sheet has been included to provide:

- Operational interpretation of the product
- Mixing ratios
- Firefighting methodology
- System compatibility
- Cooling and re-ignition prevention principles

This document is intended as a practical operational supplement to the more formal technical and regulatory documents.

### **4.2 Use-Case Sheet**

The Use-Case Sheet provides practical operational examples for:

- Lithium-ion battery and EV fires
- Landfill and waste facility fires
- Wildfires and forest fires

The purpose of this document is to demonstrate the intended operational deployment scenarios and firefighting approach of the offered product.

This document is explanatory in nature and complements:

- The Technical Summary Sheet
- The Product Data Sheet

## **5. Shelf-Life Documentation**

### **5.1 Manufacturer Shelf-Life Declaration**

The manufacturer-issued shelf-life declaration confirms:

- A minimum guaranteed shelf life exceeding twenty (20) years
- Long-term product stability under proper storage conditions

This declaration directly supports the mandatory tender requirement regarding shelf life.

## 6. Conclusion

The submitted documentation package has been structured to provide:

- Full technical transparency
- Regulatory clarity
- Environmental verification
- Operational interpretation

The documents are intended to function as an integrated and mutually supporting submission package demonstrating the suitability and compliance of Flamblocker CF7 with the requirements of the public procurement procedure.

Should any additional clarification be required, the bidder and supporting technical parties remain available to provide further information.

### **For and on behalf of the Bidder (Economic Operator)**

Company: \_\_\_\_\_

Name: \_\_\_\_\_

Function: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_