



## SAFETY DATA SHEET

According to Regulation (EC) No. 2015/830

Revision Date 26.10.2021

**KK-FRH**

Revision 1.0

Issue Date 25.10.2020

---

### **SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY / UNDERTAKING**

---

#### **1.1.Product identifier**

**Product name** : KK-FRH

**Product identifier** : Flame Retardant Masterbatch

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

**Identified uses** : Flame retardant application

#### **1.3. Details of the supplier of the safety data sheet**

**Manufacturer** : KABKOM KIMYA SAN VE TIC A.S.  
İbni Melek OSB TOSBİ Yol 1 No:13 PK:35900 Tire/İZMİR  
Tel : +90 (216) 807 20 04

**Contact Person** : Aslı BAKANNOĞLU

#### **1.4. Emergency telephone number**

KABKOM KIMYA SAN VE TIC A.S.

[Tel:+90 216 807 20 04](tel:+902168072004)



**SAFETY DATA SHEET**

According to Regulation (EC) No. 2015/830

Revision Date 26.10.2021

**KK-FRH**

Revision 1.0

Issue Date 25.10.2020

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1. Classification of the substance or mixture**

**Classification** : Data not available

**2.2. Label elements, including precautionary statements**

Symbols	:Data not available
Signal Word(s)	:Data not available
Hazard statement(s)	:Data not available
Precautionary statement(s)	:Data not available
Prevention	:Data not available
Response	:Data not available
Storage	:Data not available
Disposal	:Data not available

**2.3. Other hazards**

Other hazards which do not result in classification

NFPA Code: Health(1), Flammability (1), Reactivity (0)

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

**3.1. Mixtures**

The components are not hazardous or are below required disclosure limits.

**SECTION 4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

<b>Inhalation</b>	:Move person to fresh air; if effects occur, consult a physician
<b>Ingestion</b>	:If swallowed, seek medical attention
<b>Skin contact</b>	:If molten material comes in contact with the skin, do not apply ice but cool under ice water. Seek medical attention immediately
<b>Eye contact</b>	:Flush eyes thoroughly with water for 15 minutes at least. If effects occur, consult a physician

---

**4.2. Most important symptoms and effects, both acute and delayed**

<b>Inhalation</b>	:Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
<b>Ingestion</b>	:No known significant effects or critical hazards.
<b>Skin contact</b>	:No known significant effects or critical hazards.
<b>Eye contact</b>	:No known significant effects or critical hazards.

**4.3. Indication of immediate medical attention and special treatment needed, if necessary**

<b>Notes to physician</b>	:In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
<b>Specific treatments</b>	:No specific treatment.
<b>Protection of first-aiders</b>	:No action shall be taken involving any personal risk or without suitable training.

**Over-exposure signs/symptoms**

<b>Inhalation</b>	:No specific data.
<b>Ingestion</b>	:No specific data.
<b>Skin contact</b>	:No specific data.
<b>Eye contact</b>	:No specific data.

---

**SECTION 5: FIREFIGHTING MEASURES**

---

**5.1. Extinguishing media**

**Extinguishing media:** Dry chemical fire extinguishers. Carbon dioxide fire extinguishers. Faom. Water fog or fine spray.

**5.2. Special hazards arising from the substance or mixture**

During a fire, smoke contain the original material in addition to combustion products of varying composition which may be toxic or irritation.



## SAFETY DATA SHEET

According to Regulation (EC) No. 2015/830

Revision Date 26.10.2021

**KK-FRH**

Revision 1.0

Issue Date 25.10.2020

### **5.3. Advice for firefighters**

#### **Special protective equipment and precautions for firefighters**

Wear firefighting clothing (helmet, coat, trousers, boots and gloves)

Keep people away

Cool surroundings with water to localize fire zone.

Hand held dry chemical or CO<sub>2</sub> extinguishers may be used for small fires.

---

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

---

### **6.1. Personal precautions, protective equipment and emergency procedures**

Isolate the hazard area. Use appropriate safety equipment.

Spilled material may cause a slipping hazards.

### **6.2. Environmental precautions**

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

### **6.3. Methods and material for containment and cleaning up**

Contain spilled material if possible. Sweep up. Collect in suitable containers.

---

## **SECTION 7: HANDLING AND STORAGE**

---

### **7.1. Precautions for safe handling**

Good housekeeping and controlling of dusts are necessary for safe handling of product.

### **7.2. Conditions for safe storage, including any incompatibilities**

Store in accordance with good manufacturing practices.



## SAFETY DATA SHEET

According to Regulation (EC) No. 2015/830

Revision Date 26.10.2021

**KK-FRH**

Revision 1.0

Issue Date 25.10.2020

---

### **SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

---

#### **8.1. Control parameters/ Exposure limits in the air of the workplace, biological limit values**

Not applicable.

#### **8.2. Exposure Controls**

##### **Engineering measures**

Good general ventilation should be adopted. Local exhaust ventilation may be necessary for some operations.

##### **Respiratory protection:**

Use an approved air-purifying respirator when vapors are generated at increased temperatures or when dust or mist is present.

The following should be effective types of air-purifying respirators

- Particulate filter
- Organic vapor cartridge with a particulate pre-filter

##### **Eye Protection:**

Use safety glasses. Water chemical goggles.

Set up the emergency washing unit near the working area.

##### **Hand protection:**

Use gloves with insulation for thermal protection.

##### **Body protection:**

No precautions other than clean body-covering clothing should be needed.



## SAFETY DATA SHEET

According to Regulation (EC) No. 2015/830

Revision Date 26.10.2021

**KK-FRH**

Revision 1.0

Issue Date 25.10.2020

---

### **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

---

#### **9.1. Information basic physical and chemical properties**

<b>Physical Form</b>	:Solid
<b>Color</b>	:Natural
<b>Odor</b>	:Odorless
<b>Melting Point</b>	:Not applicable
<b>Freezing Point</b>	:Not applicable
<b>Specific Gravity</b>	:2,33±0,05 g/cm <sup>3</sup>
<b>Vapor density</b>	:Not applicable
<b>Evaaporation Rate</b>	:None
<b>%Volatile</b>	:None
<b>pH</b>	:Not applicable

#### **9.2. Other information**

No information required.

---

### **SECTION 10: STABILITY AND REACTIVITY**

---

#### **10.1. Reactivity**

No specific reactivity hazards associated with this product.

#### **10.2. Chemical stability**

Stable at room temperature and atmospheric pressure.

#### **10.3. Possibility of hazarous reactions**

Will not occur.

#### **10.4. Conditions to avoid**

Exposure to elevated temperature. Flame. Ignition source.



## SAFETY DATA SHEET

According to Regulation (EC) No. 2015/830

Revision Date 26.10.2021

**KK-FRH**

Revision 1.0

Issue Date 25.10.2020

### **10.5. Incompatible materials**

Data not available.

### **10.6. Hazardous decomposition products**

Processing may release fumes and other decomposition products. Fumes can be irritating.

---

## **SECTION 11: TOXICOLOGICAL INFORMATION**

---

### **11.1. Information on toxicological effects**

No toxicology data available the components are not hazardous.

---

## **SECTION 12: ECOLOGICAL INFORMATION**

---

### **12.1. Toxicity**

Data not available

### **12.2. Persistence and degradability**

Data not available

### **12.3. Bioaccumulative potential**

Data not available

### **12.4. Mobility in soil**

Data not available

### **12.5. Other adverse effects**

Data not available



## SAFETY DATA SHEET

According to Regulation (EC) No. 2015/830

Revision Date 26.10.2021

**KK-FRH**

Revision 1.0

Issue Date 25.10.2020

---

### **SECTION 13: DISPOSAL CONSIDERATIONS**

---

#### **13.1. Waste treatment methods**

Do not allow runoff to sewer, waterway or ground. Dispose of waste and residues in accordance with local authority requirements. Contact specialist disposal companies. Environmental manager must be informed of all major spillages.

---

### **SECTION 14: TRANSPORT INFORMATION**

---

#### **14.1. UN number**

Data not available

#### **14.2. UN proper shipping name**

Data not available

#### **14.3. Transport hazard class**

Data not available

#### **14.4. Packing group**

Data not available

#### **14.5. Environmental hazards**

Data not available

#### **14.6. Special precautions for user**

Data not available





## SAFETY DATA SHEET

According to Regulation (EC) No. 2015/830

Revision Date 26.10.2021

**KK-FRH**

Revision 1.0

Issue Date 25.10.2020

---

### SECTION 15: OTHER INFORMATION

---

#### **15.1. Safety, health and environmental regulations specific for the product in question**

EU:

EC classification                      Not regulated

---

### SECTION 16: OTHER INFORMATION

---

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of KABKOM KIMYA. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards, which exist. KABKOM KIMYA assumes no legal responsibility for loss, damage or expense arising out of, or in any way connected with, the handling, storage, use or disposal of this product.