

## **PUBLIC DISCLOSURE**

### **SECTION 1**

#### **1. Name and Adress**

AKKİM KİMYA SAN. VE TİC. A.Ş. – Nazilli Şubesi

NAZİLLİ OSB MAHALLESİ, 7.CADDE, NO:2 NAZİLLİ/AYDIN

#### **2. Safety Report Preparation**

According to “Regulation on Prevention of Major Industrial Accidents and Mitigation of Impacts”, hazardous substances in our organization have been declared using the notification system of the Ministry of Environment and Urbanization and a safety report has been prepared because it is a top-level organization.

#### **3. Business Operation**

In Akkim Kimya Sanayi ve Tic. A.Ş. – Nazilli location, carboxymethyl cellulose is produced.

#### **4. Chemicals may Cause Major Accident**

According to “Regulation on Prevention of Major Industrial Accidents and Mitigation of Impacts Annex 1 - Section 1 and 2”, chemicals may cause major accident and their deleteriousness information are listed below.

Hazardous Chemical Name	Physical, Health and Environmental Hazards (H Statements)	Intervention Methods (P Statements)	Intervention Equipment	Personal Protective Equipment of Invention Team
Ethanol (64-17-5)	H225: Highly flammable liquid and vapour. H319: Causes serious eye irritation.	P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P240: Ground and bond container and receiving equipment. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P403+P233: Store in a well-ventilated place. Keep container tightly closed.	Water (spray - not splash), Dry extinguishing powder, Carbon dioxide, Fight large fire with alcohol resistant foam or water spray.	Use full mask with oxygen cylinder, protective gloves conforming to EN374.

## **5. Actions to be Taken in the Major Industrial Accident**

In case of a major industrial accident, despite all the technical and organizational measures taken, to overcome the accident and minimize its impact, we implement the Internal Emergency Plan within the scope of the relevant regulations. Within the Internal Emergency Plan we prepared, we have formed various service groups (Fire Service Group, CBRN Service Group, Search and Rescue Service Group etc.).

## **SECTION 2**

### **1. Potential Major Industrial Accident**

In every activity carries out, our company complies with the “Regulation on Prevention of Major Industrial Accidents and Reducing Effects” and in accordance with the regulation major accident scenarios have been studied, and the frequency of occurrence and severity of impacts of the jet fire due to ethanol was determined. As a result of an accident, burns on the body and adverse effects may occur on respiratory system.

### **2. Cope with Major Industrial Accidents and Reduce Effects**

The probability of occurrence of all major accident scenarios has been reduced to an acceptable level using technical measures (safety instrumented systems, ex-proof equipment, emergency stop systems, pressure relief systems, gas detection systems, fire detection and extinguishing systems etc.) and organizational measures (organizing process safety-related systems, constantly consulting employees regarding to the safety management system, following up safety-related technological developments, collaborating with emergency departments etc.).

### **3. Emergency Services Cooperated for Responding to Major Industrial Accidents**

Within the Internal Emergency Plan we prepared, we have determined how to coordinate with the relevant parties for cooperation with the emergency services (Ambulance service chief, Fire Brigade, AFAD) and have made adequate arrangements for emergency response in the organization.