

November 15, 2022

To whom it may concern

## **Occurrence of a small fire at the Toyama Plant (2nd Report)**

Nissan Chemical Corporation (Head Office: Chuo-ku, Tokyo; President: YAGI Shinsuke) announces that at our Toyama Plant (Sasakura 635, Fuchu-Town, Toyama City, Toyama), where chemicals and other products are produced, a small fire broke out at around 10:25 am on October 27<sup>th</sup>. We deeply apologize for any concern this may cause to the residents in the neighborhood and all those involved.

On November 14<sup>th</sup>, we submitted our report to the fire authorities and we would like to update information on this case as follows;

(Reference: Occurrence of a small fire at the Toyama Plant (1st Report) on October 28<sup>th</sup>, 2022

[https://www.nissanchem.co.jp/eng/news\\_release/release/en2022\\_10\\_28.pdf](https://www.nissanchem.co.jp/eng/news_release/release/en2022_10_28.pdf) )

### **1. Location of Occurrence**

The 1st cyanuric acid manufacturing plant of our Toyama Plant

### **2. Date and Time of Occurrence**

Date and Time of Occurrence: Around 10:25 am, Thursday, October 27<sup>th</sup>

A small fire broke out from an insulating material of a firing equipment during increasing the temperature (up to approximately 210 °C). Immediately after the breakout, our employee started extinguishing the fire and the fire was extinguished around 10:30 am on the same day.

### **3. Damage Status**

Human Damage: None / Property Damage: None

### **4. Environmental Impact**

None

### **5. Neighborhood Impact**

None

### **6. Cause**

(1) Permeation of the leaked heating medium into an insulating material

In preparation for the start-up work of a firing equipment, a failure to close an air release valve when charging a heating medium into a jacket of the equipment caused the leakage of a small amount of the heating medium. The leaked heating medium was wiped off. However it permeated into an insulating material.

(2) Ignition due to the warming of the heating medium and the oxidative heat of the leaked heating medium

It is presumed that in addition to the warming of the heating medium in preparation for the start-up work of the firing equipment, the oxidative heat of the permeated heating medium caused itself to exceed its ignition point and then an ignition occurred.

## **7. Countermeasures**

- (1) In the work check sheet, the closure of the air release valve will be additionally checked, in order to prevent the leakage of the heating medium.
- (2) As soon as a heating medium is found to be permeated into a heat insulating material, the heat insulating material will be replaced.

## **8. Future Action**

In order to prevent recurrence, in consideration of the results of the investigation, we will take thorough countermeasures.

Contact information for inquiries on the above
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