

## 2.B.3 - Adipic Acid Production

### Short description

In source category *NFR 2.B.3 - adipic acid production* NO<sub>x</sub> and CO emissions from the production of adipic acid are reported. As there are only three producers of adipic acid data provided by them has to be treated as confidential. Due to that only emissions could be reported.

Category Code	Method					AD					EF				
2.B.3	T3					PS					C				
Key Category	SO <sub>2</sub>	NO <sub>x</sub>	NH <sub>3</sub>	NM VOC	CO	BC	Pb	Hg	Cd	Diox	PAH	HCb	TSP	PM <sub>10</sub>	PM <sub>2.5</sub>
2.B.3 (L/T)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

**T** = key source by Trend **L** = key source by Level

Methods	
<b>D</b>	Default
<b>T1</b>	Tier 1 / Simple Methodology *
<b>T2</b>	Tier 2*
<b>T3</b>	Tier 3 / Detailed Methodology *
<b>C</b>	CORINAIR
<b>CS</b>	Country Specific
<b>M</b>	Model
* as described in the EMEP/EEA Emission Inventory Guidebook - 2019, in the group specific chapters.	
AD - Data Source for Activity Data	
<b>NS</b>	National Statistics
<b>RS</b>	Regional Statistics
<b>IS</b>	International Statistics
<b>PS</b>	Plant Specific data
<b>As</b>	Associations, business organisations
<b>Q</b>	specific Questionnaires (or surveys)
<b>M</b>	Model / Modelled
<b>C</b>	Confidential
EF - Emission Factors	
<b>D</b>	Default (EMEP Guidebook)
<b>C</b>	Confidential
<b>CS</b>	Country Specific
<b>PS</b>	Plant Specific data
<b>M</b>	Model / Modelled

### Method

As this source category is a key category for N<sub>2</sub>O, plant specific activity data are applied here according to the IPCC guidelines. These data are made available basically via a co-operation agreement with the adipic acid producers. A single data Collection of plant specific NO<sub>x</sub> and CO emissions and related emission factors of one year (2016) was sufficient as the emissions are below the threshold of significance. The emission factors are applied to the whole time series for every plant.

### Recalculations

No recalculation activities were necessary.

## **Planned improvements**

No category-specific improvements are planned.