



# Health, Safety & Environment fact sheet

## Yara Köping, 2008



**Location:** Köping, Sweden

**Number of employees:** 95

**Annual production capacity**  
**Nitrates:** 300,000 tons

**Certification:**  
 ISO 9001, ISO 14001,  
 Energy Management System SS 62 77 50

**Other systems:**  
 EFMA Product Stewardship, HACCP, ISPS

| Health and safety indicators           |       |
|--|-------|
| Employee sickness rate                 | 1.5 % |
| LTI-rate for own employees             | 0     |
| LTI-rate for contractors               | 0     |
| LTI-rate for employees and contractors | 0     |
| TRI-rate for own employees             | 0     |
| Major accidents during the year        | 0     |

### Community activities

- Delivery of District Heating = 128.6 GWh

| Emissions and waste                          | Ton per year | % of permit | Possible impacts  |
|--|--------------|-------------|---|
| CO <sub>2</sub> to air                       | 537          | -           | Climate change, global warming effects                            |
| N <sub>2</sub> O to air                      | 866          | -           | Climate change, global warming effects                            |
| NO <sub>x</sub> to air (as NO <sub>2</sub> ) | 195          | 53          | Regional acid precipitation and local haze formation              |
| NH <sub>3</sub> to air                       | 7            | 8           | Regional acid precipitation and local haze formation              |
| F to air                                     | 0            | -           | Regional acid precipitation and local haze formation              |
| Dust to air                                  | 30           | 43          | Local nuisance and haze formation                                 |
| N to water                                   | 52           | 56          | Eutrophication (excess nutrients in waterways and algae blooming) |
| F to water                                   | 0.5          | 13          | Eutrophication (excess nutrients in waterways and algae blooming) |
| Hazardous waste                              | 23           | -           |   |
| Non-hazardous waste                          | 347          | -           |   |

### Actions for further improvements

- Dust reduction from TAN1 prilling tower
- Reduction of N emissions to water mainly linked with stop / grade change / startup operations
- Noise reduction from TAN2 prilling tower
- N<sub>2</sub>O reduction from Nitric Acid Plant 2

LTI (Lost-Time Injury) rate: Number of injuries with absence from work in excess of day of injury, per million hours worked

TRI (Total Recordable Injury) rate: Number of injuries with absence from work + temporary lighter work tasks + medical treatment, per million hours worked

Major accident: Accident leading to fatality or serious bodily harm, property damage or loss of production in excess of €10 million, significant environmental incident