



# Health, Safety & Environment fact sheet

## Yara Glomfjord, 2009



**Location:** Glomfjord, Norway

**Number of employees:** 186

**Annual production capacity (ton)**

**Nitric acid:** 400,000

**NPK fertilizers:** 500,000

**Calcium nitrate:** 200,000

**Certification:**

ISO 9001, ISO 14001, OSHAS 18001

**Other systems:**

HACCP, EFMA Product Stewardship, ISPS

Health and safety indicators	
Employee sickness rate (%)	4.6
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

Plant energy and water consumption	
Energy consumption (electricity and oil, MWh)	125,691
Water consumption (m <sup>3</sup> )	14,911,319

Emissions and waste	Ton per year	% of permit	Possible impacts
CO <sub>2</sub> to air	3094	-	Climate change, global warming effects
N <sub>2</sub> O to air	417	-	Climate change, global warming effects
NO <sub>x</sub> to air	214	51	Regional acid precipitation and local haze formation
NH <sub>3</sub> to air	77	35	Regional acid precipitation and local haze formation
F to air	0.4	16	Regional acid precipitation and local haze formation
Dust to air	107	30	Local nuisance and haze formation
SO <sub>2</sub> to air	2.4	14	Regional acid precipitation and local haze formation
N to water	543	74	Eutrophication (excess nutrients in waterways and algae blooming)
P to water	31	57	Eutrophication (excess nutrients in waterways and algae blooming)
Hazardous waste	19	-	
Non-hazardous waste	222	-	

### Actions for further improvements

- Reduce the emission of nitrogen to water from NPK/CN plant
- Reduce the emission of ammonia to air from NPK/CN plant

### Community activities

- Sponsoring of local sports clubs and cultural activities

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 € x million, significant environmental incident

"Ton" in this document refers to metric ton, equal to 1000 kilograms.