



**SALTEND
CHEMICALS
PARK**

**Safety information &
emergency instructions for**

SALTEND CHEMICALS PARK

AUTUMN 2021

Please read this booklet and keep it in a safe place.
If you move house, ensure this booklet is left at the property it has been posted to.
Further information and materials can be found on www.saltendchemicalspark.co.uk

COMAH

(CONTROL OF MAJOR ACCIDENT HAZARDS)

The companies listed in this information booklet are subject to the Control of Major Accident Hazard Regulations 2015, usually referred to as COMAH, and as such have notified the Health & Safety Executive and the Environment Agency accordingly.

The COMAH regulations aim to prevent major accidents occurring, especially those involving dangerous substances. However, should an incident take place, the regulations also aim to lessen the impact on people and the environment.

As an upper tier COMAH site, the Saltend Chemicals Park is required to:

- Complete detailed health, safety and environmental risk assessments and reduce risks as far as reasonably practicable.
- Inform its neighbours of the nature and hazards of these substances and give advice on emergency response.
- Draw up and regularly test detailed emergency plans in conjunction with the emergency services to deal with a fire or other emergencies on their sites.
- For example, the Saltend Chemicals Park works closely with the Humber Emergency Planning Service and emergency responders to ensure emergency plans are in place to coordinate the response to handle potential major events.





Safety Is Our **P**riority

Safety is the number one priority at the Saltend Chemicals Park. This is true for all of the operators on the park and all the companies work together to ensure the community, staff and environment are safe.

There are stringent measures in place to ensure all companies uphold safety processes to the highest standards and the site meets all UK and European regulations.

Keeping **Y**ou Informed

In this booklet you will find important information from the companies based on the Saltend Chemicals Park.

You can also view updated information or further information at:

www.saltendchemicalspark.co.uk

Being Prepared

The likelihood of a major event at the Saltend Chemicals Park is very small, however, we still want our local communities and businesses to understand how seriously we take our safety preparations.

Please take the time to read this information carefully and familiarise yourself with the actions you should take in the event of an emergency.

Being Prepared

Take time to understand these instructions. If you have children or know anyone elderly, isolated or vulnerable please discuss the steps they need to take to remain safe.

Site Sirens

Major emergencies will result in the activation of the Saltend Chemicals Park alarms, which may be heard beyond the Saltend Chemicals Park boundary, depending upon prevailing weather conditions.

The toxic alarm sounds like a World War 2 air-raid siren and the 'all-clear' alert is a single tone note lasting for 30 seconds.

If you hear this siren at a time other than the nominated weekly test times:

Wednesday
1.45pm and 2pm

Go in. Stay in. Tune in.



Go in.
Stay in.
Tune in.

In the unlikely event that you hear alarms at the Saltend Chemicals Park outside of the publicised test days and times, you should:

Go in

Go in a house or building

- If it is safe to do so, check your neighbours are safe and indoors.

Stay in

Stay in until you are advised to do otherwise

- Wait in until the 'all-clear' is given or you receive further advice from the emergency services in the event of an emergency.
- Do not leave the house or building. For example, if your children are at school, do not go out to pick them up.
- Children at school will be kept safe by their school following the Go in. Stay in. Tune in. guidelines.
- Do not leave the area; you may put yourself at risk or hinder the actions of the emergency services.
- Cooperate fully with any instructions given by the emergency services.



Tune in

Listen to the local radio

- Information and advice will be broadcasted by the emergency services in the event of an emergency.
- Arrangements are in place with local radio stations to interrupt normal programmes to issue an emergency warning to people in the unlikely event of an incident.
- Local media will issue information and advice. Keep the lines free for emergency services by not phoning Saltend Chemicals Park businesses directly.



Saltend Chemicals Park

Site address

Saltend, Hedon,
East Riding of Yorkshire
HU12 8DS
Tel: 01482 896251
www.saltendchemicalspark.com

Manager providing information:

px Group Competent Authority & SCP SHE Manager

Site Activities

Saltend Chemicals Park Limited is part of the px group, an infrastructure solutions business. Saltend Chemicals Park Limited provides comprehensive energy, infrastructure, operations and maintenance services to leading global companies operating on the site including: Air Products, INEOS, Mitsubishi Chemical, Perenco, Tricoya UK, Triton Power, Vivergo and Yara.

Site Sirens

The main site wide alarms are tested on a weekly basis as follows:

Toxic Alarm – siren Wednesday at 2.00pm.
Fire Alarm – air horn Wednesday at 1.45pm

Saltend Chemicals Park Limited also operates a local plant alarm system at the ammonia storage facility and at the jetty and although these are not intended as off-site alarms, they may audible outside of the Saltend Chemicals Park boundary.

Weekly testing of the alarms take place as follows:

Jetty Fire alarm – continuous bell Friday at 11am.
Toxic alarm – siren Wednesday at 12.15pm.

Major Accident Hazards

On our Saltend site, Saltend Chemicals Park Limited handles substances which are covered by the COMAH regulations. These are: acetic acid, acetic anhydride, ammonia, hydrogen, methanol, natural gas and oxygen. We have safeguards and procedures in place that take into account the hazardous nature of these and all other substances on site.

Saltend Chemicals Park Limited has a highly competent workforce and appropriate systems and procedures to minimise the risk of escape of process materials that are likely to cause a major accident.

If however an incident did occur which resulted in the escape of a quantity of the above process materials, a fire or explosion hazard may exist and in the event of a major fire, smoke carried from the site by the wind could affect neighbouring communities. Other remote possibilities include a major explosion, which could produce a potentially dangerous cloud and a major toxic release.

The possible effects of these events on a community depend very much on proximity to the event and the scale of the event. Saltend Chemicals Park Limited has well established emergency procedures for dealing with any major accident. These procedures are contained within the On-Site and Off-Site Emergency Plans. These plans have been written in consultation with the emergency services (Police, Fire and Ambulance) and with the Humber Emergency Planning Service.



Air Products

Site address

Saltend Lane, Hedon,
East Riding of Yorkshire
HU12 8PP
Tel: 01482 308400
www.airproducts.co.uk

Manager providing information:

Facility Manager

Site Activities

The Air Products site consists of two air separation units plus back-up storage facilities. The separation units produce gaseous oxygen (gox), gaseous nitrogen (gan), liquid oxygen (lox), liquid nitrogen (lin) and liquid argon (lar). Hydrogen compression and storage equipment is also situated on site.

The gaseous products are distributed via pipelines to the Saltend Chemicals Park, and also underground to Aarhus Karlshamn (AAK) to the west of the facility. Liquid oxygen (lox), liquid nitrogen (lin) and liquid argon (lar) are stored on site to maintain pipeline supplies at all times and for onward supply to smaller customers within the region via road tankers.

Substances

Liquid oxygen, liquid nitrogen and liquid argon are stored on site in specially manufactured tanks. Gaseous hydrogen is also stored on site. Storage of oxygen and hydrogen are covered by COMAH regulations.

Oxygen is an oxidant that strongly supports combustion, and hydrogen is a flammable gas, lighter than air. There are no toxic substances stored on site. Air Products is a lower tier COMAH site.

Major Accident Hazards

Air Products is committed to achieving high levels of performance in maintaining a safe working environment, both on site and in the immediate vicinity. There are many systems in place to prevent a major accident occurring. The site has a Major Accident Prevention Policy (MAPP) and a Major Accident Hazard (MAH) plan which is activated should a major emergency occur.

The possibility of a major accident occurring with impact beyond the site boundary is very remote. However emergency plans have been developed with the assistance of emergency services to deal with possible incidents should they occur.

Site Sirens

Air Products Emergency Alarm is a continuous siren and is tested every Friday at 11am.



INEOS

Site address

Saltend Lane, Hedon,
East Riding of Yorkshire
HU12 8DS
Tel: 01482 895360
www.ineos.com

Manager providing information:
Communications Manager

Site **Activities**

INEOS is a global chemical company, producing products touching every aspect of modern day life. At Saltend, INEOS manufactures organic chemicals which go on to be used in other industries. It is the largest producer of acetic acid, acetic anhydride and ethyl acetate in Europe.

In addition, Hull is home to an innovative global research and technology centre. At Saltend, INEOS directly employs more than 340 people and also provides work for more than 200 contractors.

Substances

At Saltend, INEOS manufactures four major chemicals; acetic acid, acetic anhydride, ammonia and ethyl acetate. Acetic acid goes towards the production of food preservatives, acetic anhydride is used in the production of low temperature detergents, aspirin and paracetamol, plastics and solvents, ammonia is used in fertilisers and ethyl acetate is used in flavour and odour enhancers, paints and varnishes. These are just some of their uses.

INEOS handles the following substances which are covered by the COMAH regulations. Materials include: Hydrogen, methanol, natural gas, oxygen, toxic substances (principally ammonia and carbon monoxide), extremely flammable substances (ethyl acetate) and flammable substances (typified by acetic acid, acetic anhydride and ethylene). INEOS has strict safeguards and procedures in place that take into account the hazardous nature of the substances on site.

Major Accident Hazards

INEOS works continuously to improve its SHE (Safety, Health and Environment) performance and its safety record ranks with the best in the industry. INEOS takes great care to operate safely at all times and has health, safety, operational and environmental policies which commit the business to rigorous high standards of care and attention.

At Saltend, INEOS has disciplined frameworks which provide a robust system of business processes, technologies and capabilities to prevent uncontrolled releases of hazardous substances. With these frameworks in place, it ensures that even in the event of an incident, the potential severity of the impact is reduced.

The major hazards associated with INEOS at Saltend include the possibility of a major fire, explosion or a gas release, which could affect people and property outside the site boundary. For example, a major fire will produce smoke and heat; a major explosion will produce blast effects; and a major toxic release will produce a potentially dangerous cloud. The possible effects of these events on a community depend very much on proximity to the event and the scale of the event. However, people outside the site boundary are extremely unlikely to come to any harm.

INEOS has robust, tested and detailed emergency plans in place to deal with a wide range of possible incidents quickly and effectively, and works closely with the emergency services to develop and test these plans.

Site Sirens

Major emergencies will result in the activation of the Saltend Chemicals Park alarms – which may be heard beyond the Saltend site boundaries, depending upon prevailing weather conditions. Testing: In addition to the main Saltend Chemicals Park sirens, INEOS also tests its own alarms across its facility each Wednesday.

Tests (each alarm test is in a different operational area) take place at:

- 10.00hrs
- 11.30hrs
- 12.00hrs
- 13.00hrs
- 13.45hrs
- 14.00hrs



Mitsubishi Chemical

Site address

Saltend Lane, Hedon,
East Riding of Yorkshire
HU12 8DS
Tel: 01482 333320
www.soarnol.eu

Manager providing information:

HR & Communications Manager
and HSE Manager

Site Activities

Mitsubishi Chemical manufactures Ethylene Vinyl Alcohol (EVOH) co-polymer under the trade name of 'Soarnol' which is primarily used as a "gas barrier" for food packaging.

Mitsubishi Chemical has a facility on the Saltend Chemicals Park to meet current and future demands for the product within the European market. Approximately 130 people are employed including both permanent and contractor positions.

Substances

The plant is situated within the boundary of the Saltend Chemicals Park and predominantly obtains its raw materials via Pipelines from INEOS. Mitsubishi Chemical recognises the potential hazards associated with the substances they use within the manufacturing process, and handle the following substances which are covered by the COMAH regulations:

Oxidising substances (Initiator A);
extremely flammable materials (Ethylene);
highly flammable substances (Methanol, Vinyl Acetate Monomer and Methyl Acetate);
flammable substances (Acetic Acid).

Major Accident Hazards

Mitsubishi Chemical prides itself in achieving the highest levels of performance at all times, which is reflected in the health, safety and environmental policy that commits everyone in the business to ensuring people and the environment are protected at all times. Our safety management system and operational control systems are designed to prevent all safety and environmental incidents happening.

However, there will always be some potential for incidents to happen that would potentially include a fire, explosion or toxic release. Fixed detection and protection systems are in place to contain and limit their effect and the site emergency response teams are professionally trained and equipped to deal with them. If an incident does occur, we will work closely with the onsite emergency response teams and with the external emergency services to deal with the incident promptly and effectively.

Site Sirens

Mitsubishi Chemical operates a local plant alarm system, this is not intended as an off site alarm although they may be audible outside of the Saltend Chemicals Park boundary. The flammable gas alarm is a two tone siren sound, warning site personnel to go indoors. The fire alarm is a continuous siren.

Weekly testing of the alarms take place as follows:

Fire alarm

Wednesdays at 11am.

Flammable gas alarm

Wednesday at 11.15am.



Vivergo Fuels

Site address

Saltend Lane, Hedon,
East Riding of Yorkshire
HU12 8DS

Tel: 01482 700853

www.vivergofuels.com

Manager providing information:

Operations Director /
HSSEQ Manager

Site Activities

Vivergo Fuels Limited converts over one million tonnes of high starch feed wheat into bioethanol and high protein animal feed. The biorefinery has been built on the Saltend Chemicals Park to provide easy access to the main UK wheat growing belt, take advantage of the on-site power plant for supplies of steam and power, and the deep-water port facility.

Vivergo's state of the art biorefinery employs about 100 permanent staff and supports further employment indirectly through agriculture, logistics and other local businesses. The Vivergo business is a platform for future technology development to decrease Greenhouse Gas emissions from transport fuels.

Substances

Bioethanol and animal feed materials are the only products produced within the facility – and only ethanol is regarded as a hazardous substance under the COMAH regulations. All the ethanol produced will be transported off-site by road or ship to be blended into transport fuels at distribution centres remote from Saltend.

Ethanol is classified as a highly flammable substance. All operations on the site are subject to clear rules and procedures designed to control the risks posed by all materials during manufacture, storage and transportation.

Major Accident Hazards

Vivergo Fuels are committed to ensuring the Health, Safety and Welfare of our employees and all others who may be affected by our operations – including our neighbours' and consumers of our products. We will minimise adverse environmental impacts and strive to prevent pollution by the use of the best available techniques appropriate to the nature, scale and potential environmental impacts of our activities, products and services.

Vivergo management are accountable for ensuring adequate training and competency assessment of our staff - including regular practicing emergency response plans. In the unlikely event of a major site incident (e.g. a fire or explosion) Vivergo Fuels will work alongside the on-site emergency response teams and will work with the Local Authority emergency services and other relevant agencies to minimise the effects of the incident on both people, property and the local environment.

Being Prepared, From Young To Old(er)

Planning for emergencies is something for everyone, not just the adults. The Humber Emergency Planning Service (www.heps.gov.uk) features lots of good general emergency advice for everyone of all ages. They even have a section for children, with videos and downloadable colouring sheets.

If you have children, or regularly have children visiting your home, use the information on page 5 to share with them the need to get in and stay in. If appropriate, you may choose to discuss what you might do if you heard alarms whilst out shopping or if they were out playing.

If your children go to school locally, you can reassure them that their school will look after them and keep them safe in the event of an emergency. You can also remind your children that they do not need to worry about their family as everyone knows about the **Go in. Stay in. Tune in.** advice.

For older or more isolated people, the advice is to **Go in. Stay in. Tune in.** If it is safe to do so, make sure family and neighbours are safe and aware of this advice. If you are someone who receives care in your own home or in residential care, your service providers will coordinate an emergency response.





Humber **Emergency** **Planning** Services

For more information on emergency planning, off-site emergency plans and how a COMAH incident should be responded to, please contact:

Humber Emergency Planning Service (HEPS):

01482 393051

heps@eastriding.gov.uk

For more information please visit

www.heps.gov.uk

Further Useful Contact Information

The Environment Agency

www.environment-agency.gov.uk

General enquiries

03708 506 506

enquiries@environmentagency.gov.uk

 @EnvAgency

Environment incident hotline

(24 hour service)

0800 80 70 60

Floodline

(24 hour service)

0345 988 1188

National Gas

Emergency Services

(24 hour service)

To report gas or carbon monoxide emergency.

0800 111 999

www.nationalgrid.com/uk/safety

Northern Powergrid

(Emergency 24 hour service)

0800 375 675

Health and

Safety Executive

www.hse.gov.uk

BBC Radio Humberside

95.6FM, 1485AM, DAB Digital

www.bbc.in/humberside

 [bbcradiohumberside](https://www.facebook.com/bbcradiohumberside)

 @RadioHumberside

KCFM

99.8FM and DAB Digital

www.kcfm.co.uk

Viking FM

96.9FM and DAB Digital

www.vikingfm.co.uk

Capital FM

105FM and DAB Digital

www.capitalfm.com/yorkshireeast





Alarm test times

Main site

| | |
|-----------|-------------|
| 13:45 Wed | Fire alarm |
| 14:00 Wed | Toxic alarm |

Local plant

| | | |
|------------|----------------------|-------|
| 09:00 Tues | Triton Power | Fire |
| 09:30 Wed | Vivergo | Fire |
| 10:00 Wed | INEOS Technology | Toxic |
| 10:30 Wed | INEOS EtAc | Toxic |
| 11:00 Wed | Mitsubishi Chemical | Fire |
| 11:15 Wed | Mitsubishi Chemical | Toxic |
| 11:30 Wed | INEOS A5 | Toxic |
| 12:00 Wed | Yara K1 | Toxic |
| 12:15 Wed | Yara Ammonia Storage | Toxic |
| 13:00 Wed | INEOS A4 | Toxic |
| 13:30 Wed | TUK | Toxic |
| 14:01 Wed | INEOS A4 | Fire |
| 14:01 Wed | INEOS A5 | Fire |
| 14:01 Wed | Yara K1 | Fire |
| 15:00 Wed | TUK | Fire |
| 11:00 Fri | Air Products | Fire |
| 11:00 Fri | Jetty | Fire |

In case of emergency at
Saltend Chemicals Park, remember:

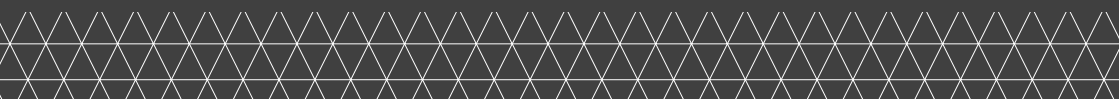
Go in.
Stay in.
Tune in.

www.goinstayintunein.org

BBC Radio Humberside Viking FM KCFM Capital FM

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or visit www.saltendchemicalspark.co.uk
for more information.



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