

**About Solenis** is the world's leading chemical company. Its portfolio includes chemicals, plastics, performance products, agricultural products, oil and gas. The Bradford site manufactures a range of chemicals for the water treatment industry.

We are committed to achieving high standards of safety and supporting Responsible Care® initiatives as members of the Chemical Industry Association (CIA).

Bradford's role within the local community is taken very seriously. It has an active community relations team, a community liaison group and a community newsletter "Talking Community" distributed to over 9000 households.

**For further information, or if you would like to discuss anything contained in this leaflet please call one of the numbers below.**

Solenis Freephone number 0800 616183

EHSQ Manager  
Solenis UK Industries Limited  
PO Box 38, Low Moor, Bradford,  
West Yorkshire BD12 0JZ  
Tel: 01274 417000  
Fax: 01274 606499

Gate 9 at the above address.

**For information on other aspects in this leaflet you may wish to contact:**

**City of Bradford MDC Emergency Management Team**

Wakefield Road Depot  
Foundry Lane  
Bradford  
BD4 7NN  
Tel: 01274 434752  
Out of hours: 01274 431000

**Environment Agency Ridings Area**

The Lateral  
8 City Walk  
Leeds  
LS11 9AT  
General enquiries: 0370 8506506  
Incident hotline: 0800 807060  
(Freephone/24 hour service)

**Health and Safety Executives  
Hazardous Installations Directorate**

The Lateral  
8 City Walk  
Leeds  
LS11 9AT  
For further information visit:  
<https://www/hse.gov.uk/>

**West Yorkshire Fire and  
Rescue Service Operations and  
Preparedness**

Service Delivery Centre  
Stanningley Road  
Leeds  
LS12 3PL  
Tel: 01274 682311  
Out of hours: 01138 23700



The information contained in this leaflet is important.  
Please keep it in a safe place, readily available in the event  
of an emergency.

**IMPORTANT INFORMATION**

Switch on your radio for announcements

**Radio Leeds: 774AM - 92.4MHz**  
Solenis Live Communications

Do not phone Solenis the emergency  
services or TV and radio stations  
Keep these lines free for emergency use only

**Solenis UK Industries Limited**  
PO Box 38, Low Moor, Bradford, West  
Yorkshire BD12 0JZ  
Tel. 01274 417000 Fax. 01274  
606499 Website: [www.solenis.com](http://www.solenis.com)



## ! Why does Solenis publish this information?

### The Control of Major Accident Hazards Regulations 2015 (COMAH) requires companies who handle more than a specified amount of certain chemicals to tell their neighbours about them.

COMAH Regulations apply to the Bradford site. They aim to “prevent major accidents and limit their consequences to people and the environment”. Under the Regulations we have to:

- Prepare a *SAFETY REPORT* covering our operations at Bradford and all the major hazards that could arise and how they are controlled. This report has been assessed by the Health and Safety Executive and the Environment Agency;
- Prepare an external *EMERGENCY PLAN* (previously known as off-site) in collaboration with the West Yorkshire Fire and Rescue Service to deal with the immediate effects of a major incident on local people, property and the environment. This ensures that the site has arrangements in place to liaise with the emergency services in the event of an incident;
- Provide essential *SAFETY INFORMATION FOR THE LOCAL COMMUNITY* which is provided in this leaflet.
- Keep up to date information about the site on the HSE Public Information Platform, which can be accessed by the public using the link <https://notifications.hse.gov.uk/COMAH2015/Search.aspx>

The Safety Report and Emergency Plan have already been published.

This leaflet tells you more about our operations on the Bradford site; the products we manufacture, the materials we use, the hazards that could arise from these substances and the plans that are in place to protect you in the unlikely event of a major incident. This leaflet also tells you what you should do in the event of such an incident.

### Solenis and off-site personnel must cooperate with any instructions or requests from the emergency services during an incident.

### What hazardous materials do we handle?

We handle a wide variety of chemicals, some of which, if not properly controlled, could result in harm to people and/or the environment. The types of materials used in the manufacture of the products made at Bradford may be:

- Toxic – substances, which may be poisonous if inhaled, swallowed or come into contact with the skin in sufficient quantities.
- Dangerous to the environment – substances that would damage the environment if they leaked into the ground or into streams or rivers, or if they were released into the air.
- Flammable and highly flammable – substances that would burn easily if ignited.
- Oxidising substances that are highly reactive and if combined with other chemicals, could cause an explosion or give off heat.
- Reactive substances which if heated may cause a fire.

### How could these materials affect people and the environment?

The type of incidents which could be caused by the hazardous materials on site, include:

- Release of toxic materials may result in the formation of a toxic cloud, either at low level, or at a level above that of surrounding buildings.
- Inhalation of toxic material may result in short-term or long-term effects to the health of the person concerned. Health effects may also be delayed following acute exposure.
- A release of a flammable vapour, with subsequent ignition, may result in an explosion with the potential for damage both within the Solenis site, and outside its boundaries.
- A release of materials which finds its way into streams or rivers may result in the aquatic life being severely affected and reduced in numbers.

### What we do to prevent incidents?

It is our policy to manage any major accident hazards, in order to provide a high level of protection to all employees, our neighbours and the surrounding environment.

The Health and Safety Executive, the Environment Agency and our insurers assess all our processes and procedures, plant and equipment. We are regularly audited to ensure that we comply with Solenis' internal safety standards. All Solenis' employees are specially trained and experienced in the work they undertake and all plants installed incorporate the latest relevant technology.

The Bradford site also incorporates many special safety systems, for example, automatic sprinkler systems in the event of fires and bunds around liquid storage tanks to contain major spillages and leaks. And we have a one-million-

gallon water supply on site with large capacity links to the mains water supply. Additionally, we have installed extensive water catchment facilities to ensure that contaminated water cannot leave the site in an uncontrolled manner.

### How will I be warned in the event of an emergency?

Our emergency siren will sound and full instructions of what actions to take are detailed below. The siren is very loud with a varying pitch, which will ensure that people within the immediate vicinity of the site can hear any warning.

Solenis test the siren each year to ensure that people will recognise its sound and will understand what to do if they hear it in future.

The siren is tested twice a year at: **10.00** and **20.00** – on **the first Thursday of June and December** each year.

Before each test of the siren, neighbours will be informed through Talking Community and local newspapers.

### What you should do in the event of an emergency

#### 1. Warning of danger

- You will hear a loud siren with varying pitch.

#### 2. Go to a safe place. Go indoors

- Be prepared to offer shelter to others.
- If it is safe to do so, check that your neighbours have heard the siren.
- If possible, go upstairs.
- Stay away from windows.
- Do not collect children from school.
- Do not go out to search for anyone, they will be given shelter elsewhere.

#### 3. Make the place safer

- Close all doors, windows and ventilators.
- Switch off all gas appliances. Block incoming draughts.
- Do not light matches or other naked flames. Stay calm and rest.

#### 4. Follow any instructions or requests made by the emergency services dealing with the incident

#### 5. Further information

- Switch on your radio for announcements. Radio Leeds: 774AM -92.4MHz
- Do not use the phone to contact Solenis, the emergency services or TV and radio stations. Keep these lines free for emergency use only.

#### 6. All clear

- When the danger has passed, the siren will be switched on and off at frequent intervals.
- The all clear message will be confirmed by police and local radio announcements.



!  
**Remember, if you hear the siren  
Go in, Stay in, Tune in**