

The Met Office CHEMET service provides meteorological guidance and plume forecasts in response to chemical incidents and large fires. Additional information on the CHEMET service is available on the CHEMET / CHEMET Pro tab on [Hazard Manager](#).

To request a CHEMET forecast **telephone Met Office Environment Monitoring and Response Centre (EMARC) on 01392 447947** with details of the incident. The meteorologist will ask questions to build an understanding of the situation - you are likely to be asked for the information detailed below.

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| ESSENTIAL | ORGANISATION | Name, organisation, contact number, email address. |
| ESSENTIAL | SUMMARY | Brief headline summary of the incident. (e.g. waste fire in Birmingham near M6, Smith's Recycling) |
| ESSENTIAL | LOCATION | Exact location of the incident? (Grid Reference or Latitude / Longitude. Full address) |
| IF KNOWN | TIME | What date and time did the incident start? |
| IF KNOWN | TYPE | What type of incident is this? (e.g. chemical leak, fire, explosion) |
| IF KNOWN | SUBSTANCE | Substances involved (e.g. chlorine, asbestos, tyres) |
| IF KNOWN | WEATHER | Weather conditions at the incident? (Is it raining or snowing?) |
| IF KNOWN | PLUME BEHAVIOUR | What does the plume look like? (Is the plume touching the ground or going straight up? What direction is it travelling, at what height?) |
| IF KNOWN | OTHER INFORMATION | Is there any other important information that may affect the forecast? (Is this a pre-emptive request in anticipation of an incident? Has a Major Incident been declared?) |

Photographs/video of the incident can greatly improve understanding of the plume behaviour - if available please email to EMARC@metoffice.gov.uk.

The CHEMET forecast, consisting of a summary of weather conditions and a map, will be emailed to you directly. The Met Office aim to do this within 20 minutes of notification of the incident. The CHEMET information will also be available on Hazard Manager, under the CHEMET / CHEMET Pro tab, within 30 minutes of notification.

Met Office Environmental Monitoring and Response Centre

01392 447947 EMARC@metoffice.gov.uk

Notes

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