

Name: [REDACTED]

Email: [REDACTED]

Company or Organisation: None

Your job title or role:

Share a URL:

How did you hear about us / other:

Who does your enquiry relate to: General enquiry

Your enquiry: What chemical substances are being utilised in UK cloud seeding operations? It is interesting to note that ARIA has been excluded from any official government office and therefore any FOI enquiries. This implies there is something which the public should be kept ignorant of. A refusal to answer this simple enquiry would also prove there is something to hide.

Sincerely,

[REDACTED]

[REDACTED]  
[REDACTED]

14 October 2025

Dear [REDACTED],

### **Environmental Information Regulations 2004 ("EIR") Request**

We are writing in response to your recent request for information to the Advanced Research + Invention Agency ("ARIA") dated 10 October 2025 in which you asked:

*"What chemical substances are being utilised in UK cloud seeding operations? It is interesting to note that ARIA has been excluded from any official government office and therefore any FOI enquiries. This implies there is something which the public should be kept ignorant of. A refusal to answer this simple enquiry would also prove there is something to hide."*

### **Response to EIR request**

Subject to meeting ARIA's governance requirements, two experiments (in the UK and Australia) will spray natural seawater into the sky to measure its effect on cloud reflectivity. Any cloud effect will be tiny, brief (dissipating within 24 hours), and the effect on the cloud should not be noticeable to the human eye (although you will be able to see the seawater spray itself). Another experiment will launch weather balloons into the stratosphere (in the US and/or UK) with secured milligram amounts of natural mineral dusts. All the materials will be returned to the ground for recovery and analysis by scientists. Crucially, no materials will be released.

Details of the controlled outdoor experiments, including the substances which would be used, are available on our website [Exploring Climate Cooling](#). We refer you to the FAQs entitled "Are you funding any outdoor experiments? What do they involve?", "What experiments do you expect to take place in the UK" and "Will any experiments release toxic materials into the atmosphere?" for a high-level overview of these experiments and the section entitled "Controlled, small-scale outdoor experiments" for further details.

Yours sincerely,

ARIA

You can ask us to review our response. If you want us to carry out a review, please let us know within 40 working days by emailing [eir@aria.org.uk](mailto:eir@aria.org.uk).

If you are still dissatisfied after our internal review, you may complain to the Information Commissioner's Office (ICO) for further investigation who can be contacted at: Information Commissioner's Office, Wycliffe House, Water Lane, Wilmslow, Cheshire, SK9 5AF.