

European Responsible Care[®] Awards 2011

Application Form

Please complete this form and return it **by the closing date of 24 June 2011** to your Responsible Care association or directly to: Cefic, Responsible Care, Avenue E. Van Nieuwenhuysse 4 - B-1160 Brussels, Belgium

Organisation	CHEMICAL BUSINESS ASSOCIATION
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Project Title	Chemistry with Cabbage + School Awards + Chemistry of Candle
Description	Three educational initiatives designed to support early years' science teaching and the International Year of Chemistry – see attached.

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AN INNOVATIVE APPROACH TO EARLY YEARS' SCIENCE TEACHING

CBA and Responsible Care

The Chemical Business Association (CBA) is the representative organisation for companies engaged in the chemical supply chain in the United Kingdom. Its membership spans distribution companies, logistics companies, and warehouse and storage businesses.

In 1993, CBA was the first European national association for the supply chain to adopt Responsible Care. The CBA programme formed the basis for the approach to Responsible Care subsequently adopted by the European association for chemical distributors, FECC. Responsible Care has been mandatory for CBA member companies since 2002.

Community Outreach

The CBA responsible Care programme has eight Guiding Principles (Annexe 1) which include the requirement to engage in Community Outreach. In this connection, CBA member companies support a range of community initiatives, involving sport, local schools, and charitable fund-raising.

For almost ten years, CBA and its member companies have supported *Chemistry with Cabbage*, an education initiative providing an innovative approach to science teaching for primary schools. Details of the individual company sponsors of *Chemistry with Cabbage* are attached (Annexe 2).

To mark the International Year of Chemistry, all the members and guests at CBA's Annual Lunch made donations totalling more than £8,000 (9,055 euro) in order to fund additional *Chemistry with Cabbage* events during 2011.

School Awards

As well as initiating this extra funding for *Chemistry with Cabbage*, in celebration of the International Year, CBA organised a one-off School Awards competition.

CBA members throughout the United Kingdom were asked to nominate a local primary school which was providing early years' science teaching which went beyond the basic requirements of the curriculum. This Award, of £1,000 (1,131 euro) was presented to the winning school (Furzedown Primary, Wandsworth, London) before an audience of 1,100 members and their guests at CBA's Annual Lunch.

Chemistry with Cabbage

Chemistry with Cabbage delivers one-day hands-on science workshops for about 3,000 nine-year-old primary school pupils each year.

The workshops demonstrate simple experiments using familiar household chemicals such as sugar, soap and vinegar. By following simple instructions (and safety procedures), the pupils can make sultanas bounce, produce bendy plastic and make a lava lamp – as well as many other experiments illustrating the properties of chemicals.

For further details of *Chemistry with Cabbage* experiments, go to www.chemistrywithcabbage.co.uk. Experiments are also contained on a DVD which is following by post.

The driving force behind Chemistry with Cabbage is Lorelly Wilson. She is a Fellow of the Royal Society of Chemistry, a Chartered Chemist, a Chartered Scientist, and is a member of several official bodies focusing on the Public Understanding of Science. She is an Honorary Fellow of Manchester University and is Chair of Governors at a local secondary school.

In June 2005, *Chemistry with Cabbage* received the Royal Society of Chemistry's Education Award.

Chemistry of the Candle

As part of its initiatives to mark the International Year of Chemistry, CBA is developing a teaching aid for its members to use when giving talks in local schools.

Using the chemistry of a burning candle, the package includes a short presentation script and slide (PowerPoint) presentation. Both will be available for member companies to download from CBA's website.

The chemistry of the candle was chosen as the subject for this presentation as this was the topic selected by Michael Faraday for his first Christmas lecture to young people in 1860.

EIGHT GUIDING PRINCIPLES

Member companies are committed to:

1 Legal requirements

Conform with all legal regulations and requirements and should operate in accordance with both government and industry codes of practice and guidance associated with their chemical activities.

2 Management of risk

Ensure that their activities do not present an unacceptable level of risk to employees, contractors, customers, the public or the environment.

3 Policies and documentation

Have written documentation which covers their activities and ensure that their health, safety and environmental policies reflect their commitment to *A Joint Responsible Distribution/Responsible Care Programme* as an integral part of their business strategy.

4 Provision of information

Provide relevant health safety and environmental information on company products and activities to employees, contractors, customers, statutory bodies and the public

5 Training

Ensure that all employees are aware of their commitment and provide the training necessary to enable them to be involved in the achievement of health, safety and environmental objectives.

6 Emergency response

Establish and maintain an appropriate emergency response system.

7 Ongoing improvements

Support and participate in those activities which will improve the quality of their own operations and strengthen health, safety and environmental consciousness and awareness.

8 Community interaction

Maintain an awareness of and respond to community concerns which relate to their activities.

CHEMISTRY WITH CABBAGE

In addition to support from the generality of CBA member companies, the Chemistry with Cabbage initiative has received long-term sponsorship from the following individual member companies.

- Norkem Limited
- Multisol Limited
- Univar Limited

Other CBA member companies have also made specific donations.

- Alcohols Limited
- Lake Chemicals
- Pearl Chemicals
- Stort Chemicals