



Annual Report and Accounts 2022–2023



BAMA – working together for a sustainable aerosol industry



Position as of 1 September 2023

BAMA Staff

Mr Patrick Heskins, Chief Executive
& Company Secretary
Dr Paul Jackson, Regulatory Affairs Director
Mrs Sally Tilbury, Office & Events Manager
Ms Tiziana Dorigo, Membership
& Communications Manager
Mr Peter Watmough, Technical Manager

Officers and Directors of the Company

Mr Adrian McCretton, kdc/one Swallowfield
(Chair)
Dr Alina Darragh, WD40 Company (Vice Chair)
Mrs Kathleen Minshull, Reabrook Ltd
(Honorary Treasurer)

Directors

Mr Alastair Dyson, Reckitt Benckiser UK
Mr James Clarke, Coster Aerosols
Ms Merion Evans, Unilever UK Ltd
Mr Michael Rimmer, Avon Engineered
Rubber Ltd
Ms Natalie Cox, Ball Aerosols
Mr Neil Bolton, Procter & Gamble UK
Mr Richard Hitchman, Summit Europe cv
Mr Robin Parkes, SALVALCO
Ms Rosa Dias, Precision Global
Ms Sofia Vicente, Colep Packaging Portugal

Co-Opted Members

Mr John Gordon, Reabrook Ltd
Mr Peter Tune, Unilever UK Ltd
Mr Murdoch Crawford, Plastipak Packaging

Secretary

Mr Patrick Heskins

Registered Office

1 Viewpoint, Office Village
Babbage Road
Stevenage
Hertfordshire
SG1 2EQ
A company Limited by Guarantee Registered
at Cardiff, No. 01763228

Company Solicitors

Longmores Solicitors
24 Castle Street
Hertford
Hertfordshire
SG14 1HP

Reporting Accountants

Moore NHC
First Floor
73-75 High Street
Stevenage
Hertfordshire
SG1 3HR

Company Auditors

Baker Watkin Accounting Ltd
Rutherford Close
Stevenage
Hertfordshire
SG1 2EF

Annual Report 2022–2023 and Accounts 2022

**For the year ended 31 December 2022 presented at the Annual
General Meeting**

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Chair's Report



Adrian McCretton of kdc/one Swallowfield
Chair of BAMA

In the last annual report I outlined the internal structure changes BAMA had been making to better prepare us for the future, this year the focus of much of the BAMA activity has been on building strong sustainability themes into all of our activities whilst bringing together members in a series of events to highlight the possibilities that our industry can offer.

From The Forum back in the autumn discussing recycling initiatives and the importance of understanding rates of recovery of our packaging, through to the Innovation Day with presentations highlighting sustainability improvements for every different aspect of our products and services and the launch of the underlying NMVOC pathway, the team have been building strong foundations for the industry to work with to guide sustainable product design for the future.

Alongside these tools and themes the secretariat have also been busy working on relationships with regulators and UK government – with strong presentations at the Regulatory panel day in London showing how the future UK approach will develop and the desire for the regulators to listen to industry input. We continue to build upon these relationships and the building of strong links with universities and other bodies to better support all aspects of our industry.

BAMA continues to work closely with FEA on several issues arising from European regulations and initiatives that could impact products exported into the EU by our members as well as supporting work at the UN level with regard to classification and transport. As many of you will have seen from recent correspondence the board have been carefully studying the BAMA contributions (both in workload and financially) to the FEA and comparing BAMA member's needs to the FEA

strategy and execution. The conclusion has been that BAMA needs to seek a new relationship with FEA to better align the needs of all parties, more detail is in Patrick's report that follows. It is important to maintain cooperation and support throughout the industry on international issues. We are in close conversation with our European counterparts over the relationship between BAMA and FEA to ensure we are best meeting our members needs for the future, we will keep you updated with the outcome of these discussions.

We have had strong attendance at member events through the year and it was wonderful to see you all there – many thanks to you all for attending, the interaction and discussions at these events and your

feedback is critical input for the team to ensure we are meeting member's needs. Please keep challenging us and letting us know the topics of interest so we can continue to organise relevant and informative events.

Finally, many thanks to all of the Board Members for their support and input on some difficult conversations this year, and just as many thanks to all of the panel and working group members for their time and efforts in developing some excellent papers, policies and guidance – building teams across the membership that can come together at short notice and work so effectively is a great strength in BAMA and all involved at all levels should be proud of their work over the last year. Many thanks to you all.



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Chief Executive Report

Patrick Heskins

Chief Executive of BAMA



UK aerosol filling volume held up well in 2022 compared to 2021 with 1.44 billion aerosol dispensers produced. The drop in sectors such as air fresheners was more than compensated for by increase in the number of antiperspirants and hair care products being filled.

For those that study our filling statistics in detail we played our annual game of “where to put DIY lubricants,” and this year they ended up being included in Household Products. Some years they have been allocated to Industrial Aerosols, so this explains the fall in that category. You should note that we here at BAMA take the figures supplied by our member companies and they choose which category to put different products into.

We continue to be the largest in Europe by some margin and are still, proudly, the third largest filler in the World after the USA and China.

On Europe, and the EU particularly, the BAMA Board has spent some time discussing our relationship with FEA. In June, the Board sent a letter to all members advising that, following EU exit, we would be looking to renegotiate our membership of FEA, but to do this we would need to formally resign from the Federation. The need to resign was to precipitate a discussion about our obligation to be a full member

based on a revision FEA made to its statutes in 2020 which removed the option for BAMA to be an associate member.

Since then, BAMA has formally written to FEA advising them that we will be resigning as a full member as of the end of 2024. The terms of membership of FEA require payment of fees for the year following resignation. We have asked FEA to consider how we might find an alternative way for us to engage with the Federation going forward. It is now down to them to consider what options they might like to offer.

We do understand the importance of the EU market to many BAMA members, and we will ensure that we keep you updated on changes to regulations, consultations, and the general political landscape in the EU regardless of whether we are members of FEA or not.

Closer to home, the situation in Westminster now appears a little more stable. We have a new Minister, Kemi Badenoch, at our sponsoring department. This was the Department for Business, Energy and Industrial Strategy (BEIS) and is now the Department for Business and Trade (DBT). Good news for us given the volume of exports we make. For the UK, aerosols fall within the remit of the Office for Product Safety and Standards (OPSS), who also have responsibility for enforcement agencies such as Trading Standards.

We will continue to engage with other Government departments on chemicals policy, health and safety, public health and air quality – in fact anywhere which we believe will have an impact on aerosol dispensers, their manufacture, regulation and sale.

One area which we have been discussing with members in detail this year is NMVOC emissions from aerosols. BAMA has put together an NMVOC Pathway and we have been presenting this to our member companies at various events throughout the year. Details of the proposal can be found on our website and if there is an interest from your company to be involved in working towards reducing NMVOC emissions do please get in touch.

We believe that it is important for us to start work sooner rather than later in this area – if we do not do anything as an industry there is a strong possibility the matter will be taken over by the regulators, and it may not be the sort of regulation which we would want. This can also be part of the aerosol industry's contribution towards net zero and show what we can do to support the reduction of greenhouse gases. This will become increasingly important in the coming years.



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This year is the second, and final, year we have Adrian McCretton as Chair. I am very grateful to him for the time and energy he has put into the role in what has been a very interesting couple of years. Alina Darragh will be stepping up as Chair and, at the time of writing, we do not yet have anyone offering to take this role on. I look forward to working with Alina and I hope to be able to share who is taking over as Vice-chair in time for the AGM.

We lost Jason Galley from our Board this year. Thank you to Jason for all his efforts and input during his time on the BAMA Board and we wish him much success in his new role at the Metal Packaging Manufacturers Association.

As always, thank you to those who get involved with all and any of the events BAMA run through the year. We always welcome feedback and ideas on what else we might do to help support our industry. And last, but certainly not least, thank you to the BAMA Team for all your hard work throughout the year.

FEA Report



Alain D'haese
Secretary General of the FEA
(European Aerosol Federation)

I am delighted to present some key topics in which FEA and its network were involved throughout 2022/23.

In September 2022, the Steering Committee met again in-person. The Committee re-elected for two years Volker Krampe (IGA) as Chair, and Adrian McCretton (BAMA) and Laurent Flond (CFA) as Deputy Chairs. It also ratified the outcome of elections for all FEA working groups and task forces. However I regret that the Flammability/ADD WG and the renamed Industrial Safety Working Group are still without any Chair.

FEA also organised for the last time its own event, the FEAerosol2022 in Lisbon, which was postponed in 2020 due to the Covid-19 pandemic. I would like to thank the visitors and exhibitors, as well as Valérie Boulet and the FEA consultants, who contributed to its success.

FEA has now developed a new partnership with Easyfairs to combine its long-standing Global Aerosol

Events with ADF in Paris. The edition of January 2023 was a success.

Following a strategic meeting in January 2023, an exhaustive list of issues with priorities is under development to clearly define the FEA remit. This living document will also be used to flag any new impacting issue which does not appear in the list. Additionally the Board of Directors re-discusses the FEA strategy.

The Compartmented Technologies Task Force as well as the Reuse Task Force completed their tasks and were disbanded. I would like to thank all participants for their expertise and commitments. FEA then released a new *Guide on compartmented technologies*, which can be purchased by non-members, and a briefing paper on refillable pressurised dispensers.

FEA met the Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs (DG GROW) to advocate again a new adaptation to technical

progress of the Aerosol Dispensers Directive 75/324 on plastic aerosols. To help convincing the European Commission, FEA launched a *FEA Code of Practice on PET Aerosol Dispenser Recyclability in the EU* which includes a market survey for companies involved in plastic aerosols. FEA also proposed amendments to the proposal for an EU Packaging & Packaging Waste Regulation to explicitly cover aerosols made of PET. This will bring legal clarity and certainty, as well as a level playing field within the aerosol industry. The reply from the European Commission is still pending.

A new Delegated Regulation (EU) 2023/707 introduces new hazard classes for endocrine disruptors and other harmful chemical substances in the Classification, Labelling and Packaging of substances and mixtures (CLP) Regulation (EC) No 1272/2008. The new hazard classes cover substances and mixtures with endocrine disrupting properties as well as PBT (persistent, bioaccumulative, toxic), vPvB (very persistent, very bioaccumulative), PMT (persistent, mobile, toxic) and vPvM (very persistent, very mobile).

A proposal to amend the EU CLP is also under ordinary legislative procedure, involving the European Parliament and the Council. FEA continues to be involved in the Downstream Users of Chemicals Co-ordination Group (DUCC) which contributes to the numerous issues related to the EU Chemicals Strategy for Sustainability. For this CLP revision, DUCC members advocate longer transition periods, a full flexibility to use fold-out labels and a non-dogmatic approach on the readability of labels knowing that the font size is only a parameter among others.

FEA is also involved in the UN Sub-Committee of Experts on the Globally Harmonized System of Classification and Labelling of Chemicals (SCEGHS) and relevant satellite groups, such as the Informal Working Group (IWG) on the combinations of physical hazards or the IWG on the improvement of annexes 1 to 3 of the GHS. Some notes alignment between Aerosols and Chemicals under pressure is under discussion.

In this context but concerning the UN Model Regulations on the transport of dangerous goods, FEA proactively submit a proposal to align Special Provision 63 re aerosols with Special Provision 362 re chemicals under pressure to the UN Sub-Committee of Experts on the Transport of Dangerous Goods (SCETDG).



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German authorities submitted a formal proposal to try resolving the grey zone between the definitions of aerosols and gas cartridges. The proposal was to define that the 'release device' is in fact the actuator. This would have a far-reaching impact on the aerosol dispenser industry. FEA, with the support of our U.S. colleagues from HCPA, swiftly submitted an informal paper to explain the potential consequences as well as to state that the common understanding is that the 'release device' is the self-closing valve. A correspondence group on the differentiation between UN 1950 and UN 2037 has been established.

The use of fluorinated greenhouse gases in aerosol dispensers will be further restricted through a new F-gas III Regulation and a PFAS restriction under REACH Regulation, both acts still to be adopted. HFO-1234ze, which has a Global Warming Potential (GWP) of 1.37 only, being the sole non-flammable liquefied propellant gas available to the aerosol dispenser industry, FEA advocates its narrow use

in technical aerosols for applications where non flammability is required.

The proposal for an EU Packaging & Packaging Waste Regulation is also under ordinary legislative procedure. FEA considers that all aerosols – independently of the container material – should be covered by the legal provisions. It means beyond aerosol dispensers made of aluminium and steel, those made of glass and plastic (more precisely PET) should be covered by the same provisions. This will bring legal clarity and certainty, as well as a level playing field within the aerosol industry. Member of the European Parliament (MEP) Delara Burkhardt, (S&D, Germany) tabled the related amendments within the Environment Committee of the European Parliament. The relevant National Associations advocated the position within the Council (EU Member States).

The new General Product Safety Regulation (GPSR) (EU) 2023/988 has been published in the Official Journal of the European Union in May 2023 and will apply from 13 December 2024. The definition of 'safe product' does not refer to 'misuse' as advocated by FEA.

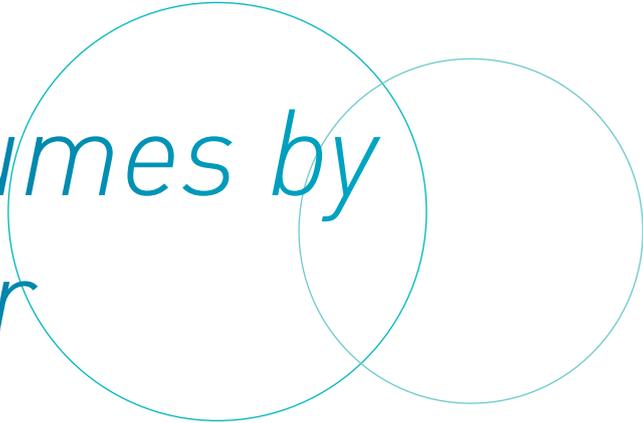
I would like to thank all BAMA delegates involved in FEA groups for their expertise and commitment as well as the BAMA staffs for their collaboration and friendship, and finally the company members for their continuing support to BAMA and FEA.



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UK Filling Volumes by Product Sector



UK Aerosol filling held up remarkably well in 2022, despite the host of supply issues which the industry faced.

Patrick Heskins, BAMA Chief Executive, takes us through some of the key figures.

As always, Personal Care products dominated, with a record 71% of the total volume filled. There was the on-going small decline in the filling of deodorants and body sprays, but this was more than compensated for with a stunning 11% increase in antiperspirants.

The haircare category saw a 19% increase as products such as dry shampoo and root concealers grow in popularity, with a wider range of options for consumers to try, whilst we appear to have hit “peak beard” as the number of shaving products filled has stabilised.

Clearly the aerosol package is being used by marketers more often as ‘Other personal care products’ (i.e. shower gel and mousses, insect repellent, feminine products, depilatory creams)

increased by nearly 45%, although there was a significant decline of 14% in the number of self-tan aerosols produced.

The share of household products slipped below the 20% mark for the first time in many years, with a drop off in air freshener output of nearly 13% and the continuing slow decline in production of furniture polish. The total volume for Household appears boosted by the inclusion of lubricant sprays under ‘Other products’, with a consequent decrease in the volume of Industrial Aerosols.

There was also a drop in the quantity of hard surface cleaners filled in 2022. Production in the category surged during COVID but as restrictions were eased so did the demand for disinfection products generally. A positive for society maybe, not so good for aerosol manufacturing. Hopefully, the improvements in hygiene standards which were seen during and just after COVID, in public spaces and on public transport, will not just disappear now the worst of this infection is behind us.

Filling of medical and pharmaceutical aerosols continues to grow. This category includes medical devices, various OTC medicines and para-pharmacy

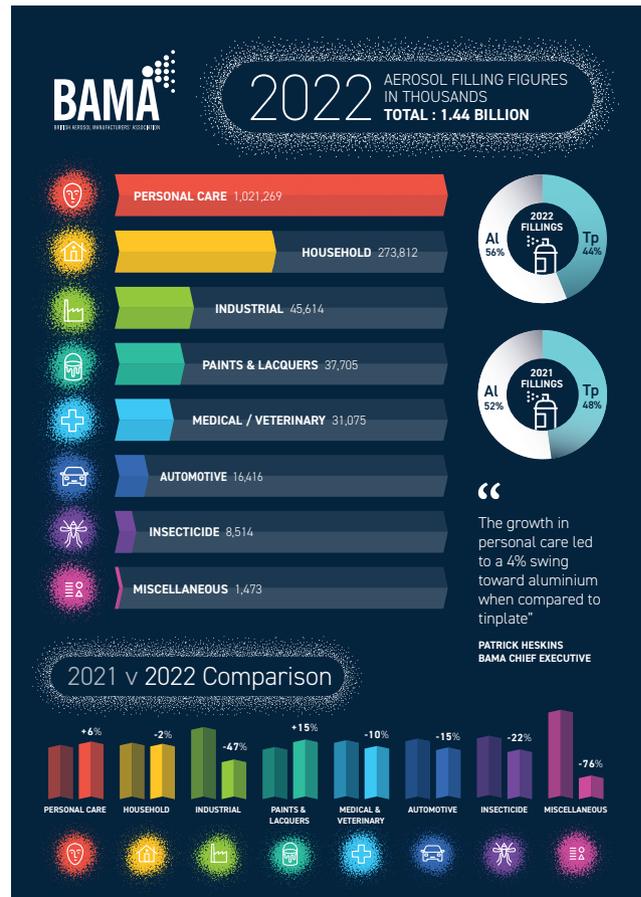
products but does not include prescription medicines, such as asthma inhalers. After the initial boost in veterinary and pet care sprays led by the working-from-home need for animal company, the filling volume has now settled back to the previous years' average.

Paints and lacquers filling grew in the year, but there was a small drop in the number of other Automotive products manufactured. Taking out the shift in lubricant sprays from Industrial aerosols to Household, the Industrial aerosol category held up extremely well. Insecticide filling, which has never been a strong segment of the UK aerosol production, continued at a similar level to previous years.

Similarly, the filling of food aerosols has not been a big sector for the UK fillers, and the small volume filled until recently has now shrunk to insignificance. Likewise, the miscellaneous category, which include novelty products such as silly string and snow sprays, has declined as, in particular, the regulatory pressure on the propellant gases used for many years starts to have an impact. Many of these products still find their way on to the UK market from overseas manufacturers: whether they actually meet the UK regulatory requirements is something those placing them on the market should check very carefully.

The growth in personal care saw a 4% swing toward aluminium when compared to tinplate. It should be noted that there are some plastic and glass aerosols filled in the UK but the numbers are very small and production is focussed on two manufacturers, so BAMA is unable to publish those figures.

“We hope 2023 will allow us to get back towards the volumes we enjoyed in the late 2010s” is Patrick’s conclusion, “there are certainly a variety of challenges coming our way as an industry, but the consumer demand for products in the aerosol format doesn’t appear to be diminishing which we must use to support our business whilst we develop the next generation of products with ever-increased environmental credentials.”



2022 BAMA FILLING FIGURES (in '000)

Product category		TOTAL 2022	TOTAL 2021	%CHANGE 21/22	Volume change
Insecticide sprays	Excluding insect repellents or pet flea sprays	8,514	10,851	-21.5	
Paints and lacquers	Automotive, household, clear varnish and decorative	37,705	32,578	15.7	
Household products	Air fresheners	175,390	201,273	-12.9	
	Furniture polish	10,321	16,161	-36.1	
	Shoe and leather treatment	3,607	2,040	76.8	
	Starches, fabric finish sprays	3,347	7,221	-53.6	
	Oven cleaners	5,066	1,266	300.2	
	Hard surface cleaners	18,899	32,173	-41.3	
	Other household products	57,183	19,719	190.0	
Personal care products (toiletries)	Shaving soaps, creams, lathers and gels	155,936	156,550	-0.4	
	All types of haircare products	168,872	142,089	18.8	
	Perfumes and colognes	8,050	8,404	-4.2	
	Deodorants/body sprays	243,971	256,993	-5.1	
	Antiperspirants	426,926	383,282	11.4	
	Other personal care products	15,558	10,744	44.8	
	Suntan and bronzing products	1,957	2,284	-14.3	
Medical and pharmaceutical products	Medical and pharmaceutical products	30,730	28,220	8.9	
Veterinary and pet care products	Flea sprays and all veterinary products	345	6,388	-94.6	
Automotive products	All products for the car or cycle – EXCEPT paints and lacquers	16,416	19,382	-15.3	
Industrial aerosols	All products for industrial use	45,614	86,203	-47.1	
Food products	Excluded pet products	117	10,875	0.0	
Miscellaneous	Products not recorded elsewhere	1,473	6,150	-76.1	
TOTAL		1,435,994	1,440,846	-0.3	
Container type – proportion of fillings					
		Total tinplate cans	623	698	-10.75
		Total aluminium cans	808	742	8.17

BAMA Award Winners 2022

Aerosol of the Year

Winner: Coster Aerosols – Coster Eco

Judges' comments: 'Two strong arguments for the environment: the absence of LPG and the single-material plastic.' 'They are hitting the middle-ground between the LPG and Compressed-Air products by delivering the performance.'



Highly Commended: Church & Dwight UK Ltd – Batiste Naturally

Judges' comments: 'It feels different from the previous version: definitely improved.' 'The product is pretty impressive, it leaves no visible residue.' 'The scent is quite good too.'



Aerosol Packaging Award

Massilly UK Ltd in conjunction with Tinmasters – Digigrip Can

Judges' comments: 'Useful and more cost-effective than embossing' 'It extends the application of digital printing' 'It shows how printing technology can go beyond the aesthetic.'



Runner Up: Jagopro – eCap

Judges' comments: 'Less energy-intensive than plastic.' 'Really innovative.' 'Can be re-used as pot for seeds.' 'You can have it in any colour you like.'



Special Recognition Award

Winner: Malcolm Large of Lindal Valve Company Ltd

BAMA's award for a special contribution to the aerosol industry went this year to Malcolm Large, Technical Manager at Lindal Valve. Malcolm has dispensed his technical knowledge to the world for 27 years, and he has done that with a constant smile on his face.



Sustainability Award

Winner: Jagopro – eCap

Judges' comments: 'Potentially the biggest impact on consumer's behaviour' 'Consumers won't get confused, it is clearly compostable' 'The most sustainable product we have looked at'.



Runner Up: Coster Aerosol – Vortex Technology

Judges' comments: 'Good use of technology: normally the insert is overseen.' 'Not so obvious, not for consumers, but it will impact the recycling process if consistency of material will be required in the UK.'



Process Safety and Training Award

Winner: Massilly UK Ltd – Customer “Needs & Expectations” Programme

Judges' comments: 'A very organised, staged, accountable system' 'Pretty comprehensive. They clearly take pride in their process.' 'It shows commitment to safety' '...not just a tick-box exercise.'





*BAMA Issues Management:
Committee and Technical
Panel Reports*

Commercial and Planning Committee



Dr Alina Darragh of WD40 Company

Chair of the Commercial and Planning Committee

I am pleased to present the Annual Report of the Commercial and Planning Committee for the financial year 2023. The C&P Committee is one of the key decision-making bodies within BAMA, that drives and enhances the overall performance of the Association. The C&P Committee met three times since our last report, discussing a variety of matters and putting recommendations forward to the Board. We continue to meet virtually but recognise the importance of in-person interactions and will adjust our approach in the future.

In an ever-evolving landscape, the C&P Committee plays a pivotal role in formulating strategies, evaluating market trends and identifying threats to the industry. During this year, we have reviewed the BAMA 5-year strategy plan with a close look at

the progress made against the targets agreed. As we are three years into the 5-year plan, the C&P Committee will work on extending the horizon view and suggesting new goals for another five year cycle.

Throughout the past year, the C&P Committee monitored the global landscape, assessing the impact of various macroeconomic factors on the UK aerosol industry. With the ongoing war in Ukraine and sanctions put on Russia, we saw the wholesale gas price increasing by ca. 400% by January. High demand coupled with short supply drove the energy price rises. This put a threat to the supply of the LPG propellant and consequently drove propellant price to new highs. As an association, BAMA is unable to get involved in any commercial negotiations, however, we exerted maximum influence with the appropriate authorities alerting them of the potential industry wide threat, reaching a successful outcome. As the EU is looking into ways to become independent from Russian gas, it is expected that countries will reduce their own exports, which the UK relies on. There is

a possibility that the circumstances will repeat this winter.

As the post pandemic world is trying to find a new balance, the year has thrown up many challenges for business to deal with. As the food and energy prices were soaring, inflation rates hit double digits in October last year, before easing to 8.7% (CPI) in May. A series of labour strikes and industrial disputes have occurred in various industries as workers walked out over pay and conditions. To get inflation back down to its target of 2%, The Bank of England raised interest for the 13th time in a row in June to 5%, which will slow down business investments.

BAMA continues to expand its reach and its collaboration with other related associations. This year, in addition to our existing partners, we met with the Asian Aerosol Federation (AAF). We also



In an ever-evolving landscape, the C&P Committee plays a pivotal role in formulating strategies, evaluating market trends, and identifying threats to the industry



sent a representation to the India Aerosol Expo to represent our interests. These public relations activities strengthen BAMA's professional position and reputation and give us an opportunity to influence emerging markets.

Throughout the year, we welcomed five new members. We would like to extend a warm welcome to new members of our Association: Honeywell, Red Industries, MarXman Ltd, Emissco and Bluestone Evolution.

We also saw three resignations this year. These are taken very seriously and are always thoroughly reviewed and reflected upon.

BAMA continues to work with the European Federation of Aerosols (FEA) on EU matters. FEA subscription fee will return to 100% after the agreed three year reduction which expires at the end of this year. BAMA continues to see value in maintaining this relationship for now, due to the influence that FEA has with both the EU and UN. In addition to its membership of FEA, BAMA will continue to benefit from Whitehouse Consulting monitoring of early-stage EU regulations.

The Forum & Awards 2023 event is scheduled for 11-12 October this year and will be hosted again at Carden Park in Cheshire. The programme is being finalised and the agenda will be shared soon. We look forward to seeing you all there.

Finally, I would like to extend my gratitude to Sally, Tiziana, Peter, Paul and Patrick for their contributions to the continuous success of this Association.

Air Quality Panel

Merion Evans of Unilever UK
Chair of the Air Quality Panel



The Air Quality Panel met in April and July with a focus mostly on VOC, but also on other air quality issues.

VOCs

The Panel continued to progress the BAMA strategy to quantify the emission of Volatile organic compounds (VOC) and to engage with UK government on initiatives to reduce VOC use.

UK sales of aerosols and typical VOC content are being used to estimate the VOC emissions for 2022. Sales data has again been purchased from Kantar and combined with updated VOC content assumptions based on input from several BAMA members to estimate VOC emissions for 2022.

Discussions have been held on the National Atmospheric Emissions Inventory (NAEI) with Ricardo on their estimates for VOC emissions from aerosols for 2021 to 2040. They are projecting aerosol emissions to 2040 will show an increase of about 10% over the next 17 years to a total of 75.5kt and so this suggests that, without changes, aerosol dispensers will be well over 10% of the UK national NMVOC emissions total. The Panel agreed that this would make aerosols likely to be a target for any future UK VOC reduction strategy.

These NAEI estimates are based on the BAMA reported numbers for 2020, with increases year on year based on recent trends in BAMA filling figures as a proxy. The Panel noted that these projections were lower than those mentioned in the 2019 UK Air Quality Strategy because they reflected the most recent estimates for 2018-2020 submitted to the NAEI by BAMA for two of the aerosol categories, 'cosmetics and toiletries' and 'household products'.

For 'the Rest' of aerosols (labelled as 'Car care' aerosols), NAEI figures are estimated from data obtained by BAMA in 2002; and currently account for about 30% of the total emissions estimated from aerosols. BAMA are much less confident of the accuracy of this estimate and are concerned that there may be incorrect assumptions and potentially double counting in the UK inventory of this category.

As a result, and due to the possibility of double counting, the NAEI is looking to separate some of the product types out so that a more reliable Inventory can be obtained.

The Panel agreed that more accurate data is in the aerosol industry's interests as, in the absence of data, the NAEI uses filling figures to generate estimates of the growth in emissions. The Panel believe that this could overestimate aerosol use, and so emissions in the UK.

The increase in VOC emissions and highlighting of indoor air quality (see below) led to the BAMA Board of Directors developing the BAMA VOC Reduction Pathway in 2022 to reduce VOC emissions from aerosols use in the UK to 2005 levels by 2030 – a reduction of just under 20% of the 2020 emissions. The Pathway was presented by the Patrick Heskins, Chief Executive of BAMA, at the Innovation Day and at several Discussion Evenings, with the hope that it would encourage companies to use a range of routes to reduce total use of NMVOCs – for example by developing concentrated sprays, increased use of aqueous formulations, using compressed gas propellants or other technologies still under development.

The Panel has also monitored air quality activities in the EU and elsewhere, in particular that the Panel also heard that the latest proposal for the EU F-Gases III Regulations is to prohibit the use of all F-Gases in technical aerosols from 2030 and that FEA has issued a call for experts to defend these products.

Indoor Air Quality

This continued to be an area of focus of the Panel with discussions of the indoor air quality research programme centred around York University and the 'Born in Bradford study' called 'Ingenious –

Understanding Air Pollution in Homes'. Patrick Heskins is now part of a group of stakeholders called the 'Ingenious Impact Panel' for the project to provide comments on the direction of the work. The programme contained several strands ranging from measurement in laboratories, the home, and on-the-go, of emissions from activities and products used in the home, to modelling exposures, to agreeing interventions and how best to communicate these to the public.

It was reported to the Air Quality Panel that a research group at the University of York, to support the Ingenious project, are trying to develop a test method to measure chemicals as they are sprayed into a test chamber to predict concentrations in a room. The Panel noted that whilst a simple and reliable test method would be useful to the industry, the dynamic nature of aerosol sprays needs to be understood by the researchers.

The Panel agreed that it was important for BAMA to continue to engage with the Ingenious programme and plans to get a presentation on the project at a future BAMA event.

Finally – a big thank you to all members of the Panel who have attended the discussions, for sharing their views and expertise, and giving input into this area that is likely to be so important to the future of our industry! I look forward to continuing to work with you all in the future.

Sustainability Panel



Alina Darragh of WD40 Company
Chair of the Sustainability Panel

The Sustainability Panel met only recently this year. The rather unusually big gap between meetings was due to anticipated yet delayed regulation surrounding recycling of packaging – Extended Producer Responsibility (EPR). As the legislation is being finalised, more relevant details emerged allowing the discussion to focus on the impact to the industry. The EPR legislation will add another layer of complexity to the existing waste packaging reporting, and will come at much greater cost to many brand owners, importers, and packaging suppliers.

The Sustainability Panel meeting was preceded by the BAMA organised Sustainability Seminar. The seminar was topically aligned with the Panel discussion and featured external speakers to enrich the discussion. Valpak gave us more in depth understanding of the proposed UK EPR legislation with focus on the financial and reporting impact on suppliers. Attention was drawn to EPR modulated fees (high and unpredictable) on materials that

are either difficult to recycle or have low recycling rates. This gave us a perspective of importance of recycling rates and appreciation of Alupro's efforts to understand the barriers to recycling at the consumer level. BAMA has been working with Alupro for a while now, gaining key insights from the research on consumers attitudes to aerosols and the approach of waste management industry. Our ambition is to drive recycling rates up to capture valuable circular resources as much as possible. In order to do that, BAMA has been contributing and will continue to contribute to Metal Matters who work with local authorities on improving consumer understanding of what they have to do to recycle packaging materials, with the goal to increase recycling rates for all metal packaging.

There has been a growing emphasis on sustainability within the aerosol industry, both manufacturers and consumers have shown increased interest in eco-friendly aerosol products with reduced carbon footprint. This shift has led to innovations in packaging materials, propellants, and product formulations to minimise environmental impact,

some of which we saw presented at the BAMA Innovation Day in Leeds and the ADF Packaging show in Paris. My attention was captured by the steel producers presenting major technological progress in driving carbon footprint down. For example, steel production equates to around 8% of global CO₂eq. emissions, placing them among the three biggest CO₂ emitters. This also makes the industry an obvious target for decarbonisation. Steel produced with the new technology carries over 60% less CO₂eq, coupled with optimised material usage of an aerosol can and new chromium free passivation method, this offers substantially improved sustainability credentials for the metal aerosol package. There were other technological advances in aluminium and plastic aerosols that should be equally applauded.

The pressures on environmental sustainability are coming thick and fast from all angles. Growing concerns over climate change, coupled with long-term policies, are driving technological advances and implementation of lower carbon emitting technologies. Depletion of natural resources increases competition and prices, but also supports a circular economy model and drives demand for recycled materials. Governments play crucial role in shaping environmental sustainability trends through policies, regulations, and international agreements. Many countries are implementing laws and regulations to reduce emissions, promote renewable energy, and protect natural resources, which encourage businesses and individuals to adopt sustainable practices. The BAMA Sustainability Panel has started to explore how some of the upcoming EU regulations such as PPWR, ESG, CSDDD, CSRD, TCFD, CBAM and Product Passporting will affect

BAMA members who trade in the EU. Although some of these regulations will initially only affect big corporations, it is expected the information and data flow will be needed across all supply chains to address so-called Scope 3 emissions. At the Panel meeting we touched on some of these upcoming regulations and agreed that our members would benefit from greater understanding in that area. Therefore BAMA will be developing educational webinars to increase awareness and knowledge in areas of circular economy and carbon reporting.

With sudden rise of consumer awareness of sustainable products, we saw a sharp rise in greenwashing claims. A global review co-ordinated by the Competition and Markets Authority (CMA) found more than 40% of on-line green claims to be false or misleading. Recently, the CMA has been given more power to impose larger fines for breaches in consumer protection laws, as well as power to impose civil penalties without having to seek a court order first. The Sustainability Panel discussed how to best make our members aware of this change, as well as encouraging them to follow the Green Claims Code.

There are plenty of challenges ahead of us and we will all have to adapt. I would like to take this opportunity to invite all environmental sustainability professionals from our Member companies to join the Panel for support and to enrich the discussion.

Special thanks to Paul Jackson for leading the efforts on that frontier for many years now and for sharing his vast experience with all of us.

Regulatory Panel



**Adrian McCretton of
kdc/one Swallowfield**
Chair of the Regulatory
Panel

The last twelve months have been a true tale of two halves for the Regulatory Panel. With an incredibly busy second half of 2022 dealing with proposals for UK regulatory changes many of which were then put on hold or are under more detailed review by Ministers – or pending parliamentary review in the case of the Retained EU Law (REUL) initiative. There have been very limited actions for the Panel on these issues during the first half of 2023 whilst these reviews take place...unfortunately we are not expecting this pause to end anytime soon!

On the other hand, with European Parliamentary elections on the horizon (June 2024), the European Commission has been very active trying to progress several policy initiatives such as those on EU CLP, EU REACH, and detergents. The Panel continues to follow developments to keep members informed, although now we are outside of the EU, BAMA has limited opportunity to submit comments.

In December we held a very successful and well attended Panel day in London with members of the Office for Product Safety and Standard (OPSS) and Trading Standards teams presenting the upcoming issues and sharing background on how they are approaching them – including a preview of the new UK Product Safety Risk Assessment Methodology or PRISM system for in market safety monitoring and communication – a tool with some interesting features that members may be able to use within their business as well as with regulators.

As always, the Panel has been monitoring developments and discuss the key regulations impacting our industry – progress with regulators is slow but we continue to feedback to ensure appropriate alignment and highlighting key changes.



The Panel continues to follow developments to keep members informed, although now we are outside of the EU, BAMA has limited opportunity to submit comments



In the brief lull we have launched a working group to begin the review of the BAMA Recall Guide, partly to align with new UK regulation references but also to see where overlaps with PRISM could be beneficial.

Other topics we have engaged on have ranged from UK REACH and the changes to timing/ implementation, plastics packaging tax (PPT) ensuring we have clear understanding of the elements of the aerosol product that are in and out of scope, and transport issues. This last issue

being probably the most active in recent months, we worked to ensure that proposals at the UN level to clarify the definition of small fuel gas cylinders for portable stoves did not impact the aerosol definitions and classifications. The initial proposal to redefine the release device of an aerosol dispenser as the actuator (instead of the valve) has been dropped, so we believe that we have made good progress, but the issues has not gone away and the Panel will continue to support our global industry to defend the current definitions.

Industrial Panel

John Gordon of Reabrook Ltd
Chair of the Industrial Panel



The last meeting of the Panel was held on the 2 November. Following the Covid lockdowns all meetings have been held virtually. However, there are plans to hold meetings again at the BAMA offices in Stevenage. This will be in a hybrid format of virtual as well as physical attendance.

As Chair, I would personally like to thank members for their continued support at meetings. It has again been encouraging to see quite a few new attendees at the virtual meetings and do hope it continues into the hybrid format.

The Quality Guide

Following on from the workshop at the Space Centre in Leicester, a draft guide has been prepared. The process map and failure mode analysis have been expanded and the document currently sits at 87 pages. Progress on the guide to date was discussed and the Panel agreed that the level of detail was correct.

The guide has expanded into a very comprehensive document, complementing the BAMA standard.

As each section is being drafted it became clear that certain aspects would benefit from a BAMA test method. A list will be created and taken to a test method working group which will be set up once the guide is complete.

Once a draft is available it is proposed that three off-site workshops will be held. These would be split at the three logical sections of the guide allowing experts to attend and contribute.

The three workshops will be:

- Product Development
- Components and Raw Materials
- Manufacturing

We believe that attendance in person is essential for effective progress and therefore will not be able to offer the option to attend virtually. The structure, progress and next steps will be discussed at the next panel meeting.

BAMA would encourage all Members to get involved if they can and to look out for invitations to the working groups.

The BAMA Standard

BAMA has suggested a new process to update The BAMA Standard, which has not been fully reviewed since 2017. Attendance at the first proposed review meeting was very limited, so it is proposed that the

BAMA team carry out initial reviews and the revised copy would be taken to the appropriate Panel for review and approval. For this reason, it is proposed that we return to in-person meetings whenever possible, with a hybrid option available.

BAMA Guide to Electrostatics

BAMA have a guide to electrostatic hazards prepared with specific focus on leaking aerosols. This guide, which was written in 1985, will be updated to include other electrostatic hazards, such as non-polar solvent handling and plastic aerosols. Once the revision is complete, a 45 minutes webinar will be held to inform member companies. We will then need to discuss with industry if there is a need for us to invest in testing equipment to carry out electrostatic tests on current formulations and packaging using the BAMA test method. All members are encouraged to share information they have regarding any incidents, or guidance and process controls they employ to control electrostatic hazards.

BAMA Guide to DSEAR

The Dangerous Substances and Explosive Atmospheres Regulations (DSEAR) have been key regulations for aerosol filling and storage since they came into force in 2005. Although there is no urgent need for BAMA to modify our guidance, which is embedded into the relevant Modules of the BAMA Standard, in the wake of the Grenfell fire, HM Government is introducing new requirements for the competence of the people conducting a DSEAR assessment. The BAMA Industrial Panel is therefore taking the opportunity to review the BAMA guidance and update references to reflect any changes in related regulations. Once approved a webinar will be

organised to raise awareness and remind members of their responsibilities under DSEAR.

Process Safety Forum

BAMA is a member of the Process Safety Forum (PSF) and reports from each meeting are circulated to BAMA member companies. PSF has issued a report on leadership responsibility for COMAH. Copies are available by contacting the BAMA offices.

Business Continuity

BAMA had given advice to members regarding possible power supply interruptions last Winter, that may have affected business continuity. Other than this, the panel felt that most companies already have plans in place, sometimes driven by their insurers or customers, so there was little requirement for BAMA to devote time to creating a guide. The bow-tie diagram was considered a useful document and is available upon request.

Get Involved'

Finally, we would always welcome more attendees at panel meetings. This also includes the smaller working groups which give you the opportunity to have a direct input and learn from others on a particular topic, such as the workshops for the Quality Guide. If you are interested in joining, or would like to know more, please contact the Secretariat.

Technical Panel



Peter Tune of Unilever UK Ltd
Chair of the Technical Panel

Welcome to the Technical Panel whose scope is to represent the interests of BAMA member companies in all aspects of aerosol technology and product safety.

The panel last met on the 18 July last year. Owing to EU Exit regulatory challenges and environmental concerns, focus has been on those Panels.

Work continues on the Quality Guide, building on the work done at the successful day-workshop held in March. This has now expanded into a large document, close to 90 pages and is under review by the Panel. Members are encouraged to attend the Panel meetings to ensure they can have input into this document.

Our focus is also on test methods and particularly Stability testing. The Quality Guide has highlighted the need for certain new test methods and a list is being compiled as they are identified.

FEA support and review work continues, specifically on the FEA code on Plastic Aerosols and the FEA

Guide on Compartmental Aerosols. Thank you to Murdoch Crawford and Malcom Large for leading these on behalf of BAMA.

Increasing focus is required on refillable aerosols and the associated technology, which the panel is engaged with, as we are already seeing systems being placed on the market.

We continue to evaluate all reports of consumer incidents and make recommendations to improve consumer safety where appropriate.

The panel is also reviewing the BAMA Standard, starting with module 1.

I would like to take this opportunity to encourage all members to access and use the BAMA training materials – these are an excellent resource for all in the aerosol industry and especially new starters. Six videos are currently available by registering on the website and logging into the training portal. More modules are to follow. Any suggestions for subjects to be covered are welcome.

Finally, I would like to thank all the panel members for their time and input over the years and look forward to working with them in the future and remind everyone that membership to any of the panels is open to all BAMA members and we rely on those members to make sure the panels are effective, so we encourage you to get involved. In addition, I would like to thank Peter and Paul of BAMA for their hard work and support given to this panel.



BAMA training materials
– these are an excellent
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aerosol industry and
especially new starters



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Manon Pascal, Lindal Valve Company

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Technical Panel

Chair

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Vice Chair

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Nasreen Khan, Church & Dwight UK Ltd

Nicolas Tissie, Eviosys

Paddy McGonigal, WV Aerosols

Paul Sullivan, DH Industries

Peter Shaw, Salvalco

Richard Hitchman, Summit Europe cv

Rosa Dias, Precision Global

Sam Smith, Beiersdorf

Sara Twells, Volcke Aerosol UK Ltd

Sophie Pugh, Church & Dwight UK Ltd

Sustainability Panel

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Alina Darragh, WD40 Company

Vice Chair

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Nick Green, WD40 Company

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Sara Twells, Volcke Aerosol UK Ltd

Sola Bramley, Quin Global

Tanja Vasiljevic, Volcke Aerosol UK Ltd

Victoria Romero, Procter & Gamble

Yasmine Anglade, Barony Universal





Financial Report and Statement

Financial Report and Statement

Directors' Report

The directors present their annual report and financial statements for the year ended 31 December 2022.

Principal activities

The principal activity of the Association in the year under review was that of a trade association for the British aerosol industry.

Directors

The directors who held office during the year and up to the date of signature of the financial statements were as follows:

Mr A M Mccretton

Mr M A Crawford (Resigned 19 October 2022)

Dr A Darragh

Mr J C Galley (Resigned 1 May 2023)

Mr A R Dyson

Mr R Hitchman

Mr N M A Bolton

Ms R Dias

Mr M A Rimmer

Ms Merion Evans

Mrs Kathleen Minshull

Mr James Clarke

Mr R Parkes (Appointed 18 October 2022)

Ms I De Oliverira Soares Vicente Pereira
(Appointed 18 October 2022)

Statement of disclosure to auditor

So far as each person who was a director at the date of approving this report is aware, there is no relevant audit information of which the company's auditor is unaware. Additionally, the directors individually have taken all the necessary steps that they ought to have taken as directors in order to make themselves aware of all relevant audit information and to establish that the company's auditor is aware of that information.

Small companies exemption

This report has been prepared in accordance with the provisions applicable to companies entitled to the small companies exemption.

By order of the Board.

Mr P R Heskins
Secretary

Mr A M Mccretton
Director



Independent Auditor's Report

Opinion

We have audited the financial statements of British Aerosol Manufacturers' Association (the 'company') for the year ended 31 December 2022 which comprise the income and expenditure account, the balance sheet and notes to the financial statements, including significant accounting policies. The financial reporting framework that has been applied in their preparation is applicable law and United Kingdom Accounting Standards, including Financial Reporting Standard 102 *The Financial Reporting Standard applicable in the UK and Republic of Ireland* (United Kingdom Generally Accepted Accounting Practice).

In our opinion the financial statements:

- give a true and fair view of the state of the company's affairs as at 31 December 2022 and of its deficit for the year then ended;
- have been properly prepared in accordance with United Kingdom Generally Accepted Accounting Practice; and
- have been prepared in accordance with the requirements of the Companies Act 2006.

Basis for opinion

We conducted our audit in accordance with International Standards on Auditing (UK) (ISAs (UK)) and applicable law. Our responsibilities under those standards are further described in the *Auditor's responsibilities for the audit of the financial statements* section of our report. We are independent of the company in accordance with the ethical requirements that are relevant to our audit of the financial statements in the UK, including the FRC's Ethical Standard,

and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Conclusions relating to going concern

In auditing the financial statements, we have concluded that the directors' use of the going concern basis of accounting in the preparation of the financial statements is appropriate.

Based on the work we have performed, we have not identified any material uncertainties relating to events or conditions that, individually or collectively, may cast significant doubt on the company's ability to continue as a going concern for a period of at least twelve months from when the financial statements are authorised for issue.

Our responsibilities and the responsibilities of the directors with respect to going concern are described in the relevant sections of this report.

Other information

The other information comprises the information included in the annual report other than the financial statements and our auditor's report thereon. The directors are responsible for the other information contained within the annual report. Our opinion on the financial statements does not cover the other information and, except to the extent otherwise explicitly stated in our report, we do not express any form of assurance conclusion thereon. Our responsibility is to read the other information and, in doing so, consider whether the other information is materially

inconsistent with the financial statements or our knowledge obtained in the course of the audit, or otherwise appears to be materially misstated. If we identify such material inconsistencies or apparent material misstatements, we are required to determine whether this gives rise to a material misstatement in the financial statements themselves. If, based on the work we have performed, we conclude that there is a material misstatement of this other information, we are required to report that fact.

We have nothing to report in this regard.

Opinions on other matters prescribed by the Companies Act 2006

In our opinion, based on the work undertaken in the course of our audit:

- the information given in the directors' report for the financial year for which the financial statements are prepared is consistent with the financial statements; and
- the directors' report has been prepared in accordance with applicable legal requirements.

Matters on which we are required to report by exception

In the light of the knowledge and understanding of the company and its environment obtained in the course of the audit, we have not identified material misstatements in the directors' report. We have nothing to report in respect of the following matters in relation to which the Companies Act 2006 requires us to report to you if, in our opinion:

- adequate accounting records have not been kept, or returns adequate for our audit have not been received from branches not visited by us; or
- the financial statements are not in agreement with the accounting records and returns; or
- certain disclosures of directors' remuneration specified by law are not made; or
- we have not received all the information and explanations we require for our audit; or

- the directors were not entitled to prepare the financial statements in accordance with the small companies regime and take advantage of the small companies' exemption in preparing the directors' report and from the requirement to prepare a strategic report.

Responsibilities of directors

As explained more fully in the directors' responsibilities statement, the directors are responsible for the preparation of the financial statements and for being satisfied that they give a true and fair view, and for such internal control as the directors determine is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error. In preparing the financial statements, the directors are responsible for assessing the company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the directors either intend to liquidate the company or to cease operations, or have no realistic alternative but to do so.

Auditor's responsibilities for the audit of the financial statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an Auditors' Report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs (UK) will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.

Irregularities, including fraud, are instances of non-compliance with laws and regulations. We design procedures in line with our responsibilities, outlined above, to detect material misstatements in respect

of irregularities, including fraud. The extent to which our procedures are capable of detecting irregularities, including fraud is detailed below:

Discussions were held with, and enquiries made of, management and those charged with governance with a view to identifying those laws and regulations that could be expected to have a material impact on the financial statements.

During the engagement team briefing, the outcomes of these discussions and enquiries were shared with the team, as well as consideration as to where and how fraud may occur in the entity.

The following laws and regulations were identified as being of significance to the entity:

- Those laws and regulations considered to have a direct effect on the financial statements include UK financial reporting standards, Company Law, Tax and Pensions legislation, and distributable profits legislation.
- It is considered that non-compliance of Health & Safety laws and regulations may be fundamental to the operating aspects of the business.

Audit procedures undertaken in response to the potential risks relating to irregularities (which include fraud and noncompliance with laws and regulations) comprised of: inquiries of management and those charged with governance as to whether the entity complies with such laws and regulations; enquiries with the same concerning any actual or potential litigation or claims; inspection of relevant legal correspondence; review of board minutes; testing the appropriateness of entries in the nominal ledger, including journal entries; reviewing transactions around the end of the reporting period; and the performance of analytical procedures to identify unexpected movements in account balances which may be indicative of fraud.

No instances of material non-compliance were identified. However, the likelihood of detecting irregularities, including

fraud, is limited by the inherent difficulty in detecting irregularities, the effectiveness of the entity's controls, and the nature, timing and extent of the audit procedures performed. Irregularities that result from fraud might be inherently more difficult to detect than irregularities that result from error. As explained above, there is an unavoidable risk that material misstatements may not be detected, even though the audit has been planned and performed in accordance with ISAs (UK).

A further description of our responsibilities for the audit of the financial statements is located on the Financial Reporting Council's website at www.frc.org.uk/auditorsresponsibilities. This description forms part of our Auditors' Report.

Other matters which we are required to address

The financial statements of British Aerosol Manufacturers' Association for the year ended 31 December 2021 were not subject to audit.

Use of our report

This report is made solely to the company's members, as a body, in accordance with Chapter 3 of Part 16 of the Companies Act 2006. Our audit work has been undertaken so that we might state to the company's members those matters we are required to state to them in an Auditors' Report and for no other purpose. To the fullest extent permitted by law, we do not accept or assume responsibility to anyone other than the company and the company's members as a body, for our audit work, for this report, or for the opinions we have formed.

Paul Craggs
Senior Statutory Auditor
For and on behalf of Baker Watkin Audit LLP
Chartered Accountants
Statutory Auditor

Date: 31st August 2023



Profit and Loss Account

For the year ended 31 December 2022

	2022	2021
	£	£
Turnover	717,070	706,752
Cost of sales	(152,702)	(153,977)
Gross surplus	564,368	552,775
Administrative expenses	(632,952)	(537,837)
Operating (deficit)/surplus	(68,584)	14,938
Interest receivable and similar income	2,141	(164)
Interest payable and similar expenses	(232)	(275)
(Deficit)/surplus before taxation	(66,675)	14,499
Tax on (deficit)/surplus	(4,818)	4,431
Surplus for the financial year	(71,493)	18,930

The income and expenditure account has been prepared on the basis that all operations are continuing operations.

Balance Sheet

For the year ended 31 December 2022

	Notes	2022 £	£	2021 £	£
Fixed assets					
Intangible assets	4		40,850		17,155
Tangible assets	5		208,323		188,943
			249,173		206,098
Current assets					
Debtors	6	68,934		34,087	
Cash at bank and in hand		581,435		723,726	
		650,369		757,813	
Creditors: amounts falling due within one year	7	(96,613)		(64,414)	
Net current assets			553,756		693,399
Total assets less current liabilities			802,929		899,497
Creditors: amounts falling due after more than one year	8		(27,721)		(57,614)
Provisions for liabilities			(7,471)		(2,653)
Net assets			767,737		839,230
Reserves					
Income and expenditure account			767,737		839,230
Members' funds			767,737		839,230

These financial statements have been prepared in accordance with the provisions applicable to companies subject to the small companies regime.

The financial statements were approved by the board of directors and authorised for issue on 31st August 2023 and are signed on its behalf by:

Mr A M Mccretton
Director

Company Registration No. 01763228

Notes to the Financial Statements

For the year ended 31 December 2022

4 Intangible fixed assets

	Other £
Cost	
At 1 January 2022	18,271
Additions	31,361
At 31 December 2022	49,632
Amortisation and impairment	
At 1 January 2022	1,116
Amortisation charged for the year	7,666
At 31 December 2022	8,782
Carrying amount	
At 31 December 2022	40,850
At 31 December 2021	17,155

5 Tangible fixed assets

	Land and buildings £	Plant and machinery etc £	Total £
Cost			
At 1 January 2022	216,670	109,823	326,493
Additions	–	35,625	35,625
Disposals	–	(32,819)	(32,819)
At 31 December 2022	216,670	112,629	329,299
Depreciation and impairment			
At 1 January 2022	43,332	94,218	137,550
Depreciation charged for the year	4,334	11,911	16,245
Eliminated in respect of disposals	–	(32,819)	(32,819)
At 31 December 2022	47,666	73,310	120,976
Carrying amount			
At 31 December 2022	169,004	39,319	208,323
At 31 December 2021	173,338	15,605	188,943

6 Debtors

	2022	2021
Amounts falling due within one year:	£	£
Trade debtors	11,501	4,976
Corporation tax recoverable	8,011	8,011
Other debtors	12,584	14,990
Prepayments and accrued income	36,838	6,110
	68,934	34,087

7 Creditors: amounts falling due within one year

	2022	2021
	£	£
Obligations under finance leases	1,337	643
Trade creditors	30,043	14,169
Taxation and social security	9,452	11,765
Other creditors	35,909	34,127
Accruals and deferred income	19,872	3,710
	96,613	64,414

Net obligations under finance lease contracts are secured by fixed charges on the assets concerned.

8 Creditors: amounts falling due after more than one year

	2022	2021
	£	£
Other creditors	27,721	57,614

9 Deferred taxation

	Liabilities 2022	Liabilities 2021
Balances	£	£
Accelerated capital allowances	7,471	2,653

	2022
Movements in the year	£
Liability at 1 January 2022	2,653
Charge to profit or loss	4,818
Liability at 31 December 2022	7,471

10 Members' liability

The company is limited by guarantee, not having a share capital and consequently the liability of members is limited, subject to an undertaking by each member to contribute to the net assets or liabilities of the company on winding up such amounts as may be required not exceeding £500.



Members

Members

Akzo Nobel Decorative Paints UK Ltd

Wexham Road
Slough
Berkshire SL2 5DS
☎ 01758 550000
www.akzonobel.com/paints

Alloway UK Ltd

Units 12 - 15
37 Wren Court
Strathclyde Business Park
Bellshill ML4 3NQ
☎ 01698 907018
info@allowayuk.com
www.allowayuk.com

Aptar Beauty

Cygna House
Opal Drive
Fox Milne
Milton Keynes MK15 0DF
☎ 01908 352270
aerosol.gbr@aptar.com
www.aptar.com

Autosmart International Ltd

Lynn Lane
Shenstone
Staffs WS14 0DH
☎ 01543 481616
☎ 01543 481549
rbutler@autosmart.co.uk
www.autosmart.co.uk

Avon Engineered Rubber Ltd

Maerdy, Ferndale
Rhondda Cynon Taf
Wales CF43 4FP
☎ 01443 735000
enquiries@aerlimited.co.uk
www.avon-group.co.uk

Avanti Environmental Group Ltd

Charley Wood Road
Knowsley Industrial Park
Kirkby
Merseyside L33 7SG
☎ 07989 504234
info@tradebe.com
www.tradebe.co.uk

Ball Aerosol Packaging UK Ltd

Folly Road
Dezives
Wiltshire SN10 2HT
☎ 01380 732400
aerosolpackaging@ball.com
www.ball.com/aerosol

Barony Universal Products plc

5 Riverside Way
Riverside Business Park
Irvine
Ayrshire KA11 5DJ
☎ 01294 219400
☎ 01294 219401
info@baronyuniversal.com
www.baronyuniversal.com

Beiersdorf UK Ltd

Trinity Central
Trinity Park
Bickenhill Lane
Birmingham B37 7ES
☎ 0121 3298800
www.beiersdorf.co.uk

Benegas BV

Zuiderzeestraatweg 1
Putton 3882NC
☎ 00 313 4172 3337
jose.wullings@benegas.com
www.benegaspropellants.com

Benj R Vickers & Son – Vickers Oil

6 Clarence Road
Leeds LS10 1ND
☎ 0113 386 7654
☎ 0113 386 7676
stephen.sumner@vickers-oil.com
www.vickers-oil.com

Bluestone Business Evolution

22 Nursery End
Ingleton
Darlington DL2 3XH
☎ 07500 027628
carlhaythornthwaite@hotmail.com

BOC Limited, a Linde company

Forge, 43 Church Street West,
Woking
Surrey GU21 6HT
☎ 0800 020800
specialproducts@BOC.com
www.BOCOnline.co.uk

Carlton Forest 3PL Ltd

Blyth Road, Carlton Forest
Worksop
Nottinghamshire
S81 0TP
☎ 01909 540000
info@carltonforestgroup.com
www.carltonforestgroup.com

Church & Dwight UK Ltd

Premier House
Shearway Business Park
Pent Road
Folkestone
Kent CT19 4RJ
☎ 01303 299500
UKenquiries@churchdwight.com
www.churchdwight.co.uk

Civil Defence Supply Ltd

The Old School
Vicarage Lane
Wellingore
Lincoln LN5 0JF
☎ 01522 810388
bauer@civil-defence.org
www.civil-defence.co.uk

Colep Consumer Products Portugal SA

Rua Comendador Arlindo
Soares de Pinho,1977
3730-423, Vale de Cambra
Portugal
☎ 00 351 256 420 200
☎ 00 351 256 422 059
VDC Site: site.assistant@colep-cp.com
Porto Office: office.assistant@colep-cp.com
<https://colep-cp.com>

Colep Packaging Portugal SA

Rua Comendador Arlindo
Soares de Pinho,1977
3730-423, Vale de Cambra,
Portugal
☎ 00 351 256 420 100
☎ 00 351 256 422 059
sofia.vicente@colep-pk.com
www.colep-pk.com

Coster Aerosols Ltd

8 Lindrick Way
Barlborough
Chesterfield
Derbyshire S43 4XE
☎ 01246 810536
sales.uk@coستر.com
www.coster.com

CRC Industries UK Ltd

Ambersil House
Wyllys Road, Bridgewater
Somerset TA6 4DD

☎ 01278 727200
☎ 01278 425644
info.uk@crcind.com
www.ambersil.com

DH Industries Ltd

Sullivan House
Southfields Business Park
Fenton Way, Laindon
Essex SS15 6TD

☎ 014268 410666
dh@dhi.co.uk
www.dhi.co.uk

Edgewell Personal Care

Sword House, Totteridge
Road, High Wycombe,
Buckinghamshire HP13 6DG

☎ 01494 212800
kathleen.edgar@edgewell.co.uk
www.edgewell.com

Emerson Process Management Ltd

2 Hunt Hill
Cumbernauld G68 9LF

☎ 07920 264900
jason.mitchell@emerson.com
www.emerson.com

Emissco Ltd

Brookhouse Industrial Estate
New Haden Road
Cheadle

Stoke on Trent ST10 1UF
☎ 01538 493138
jonquil.shepherd@emissco.co.uk
www.emissco.co.uk

Eviosys

Oddicraft Lane
Sutton in Ashfield
Notts NG17 5FS

☎ 01623 555555
www.eviosys.com

Fillcare Ltd

Lanelay Road
Talbot Green
Pontyclun CF72 8TZ

☎ 01443 233600
www.fareva.com

Grundon Waste Management Ltd

Thames House
Oxford Road
Benson, Wallingford
Oxfordshire OX10 6LX

☎ 01491 827743
hazardous@grundon.com
www.grundon.com

HK Wentworth Ltd

Unit 12 Ashby Park
Coalfield Way
Ashby de la Zouch
Leicestershire LE65 1JR

☎ 01530 419600
info@hkw.co.uk
www.electrolube.com

Harp International Ltd

Gellihirion Industrial Estate
Pontypridd CF37 5SX

☎ 01443 842255
☎ 01443 841805
harp@harpintl.com
www.harpintl.com

Holt Lloyd International

Unit 100 Barton Dock Road
Manchester M32 0YQ

☎ 01637 870213
mark.richards@holtsauto.com
www.holtsauto.com

HSD Safety Ltd

Unit 22, Glen Mount
Morley, Leeds
West Yorkshire LS27 9HH

☎ 07540 186628
info@hsd-safety.co.uk
www.hsd-safety.co.uk

Honeywell Advanced Ltd

Skimped Hill Lane
Bracknell
Hertfordshire RG12 1EB

☎ 01344 656000
allan.grossart@honeywell.com
https://sustainability.honeywell.com/us/en

Hydrokem Aerosols Ltd

Hickmans Road
Birkenhead
Wirral CH41 1JH

☎ 0151 6304414
sales@hydrokem.co.uk
www.hydrokem.co.uk

JagoPro Sp. z o.o. Poland

Szczakowska Street 35,
43-600 Jaworzno

☎ +48 32 6143050
jago@jagopro.pl
www.jagopro.pl

James Briggs Ltd/Tetrosyl Ltd

Salmon Fields
Royton, Oldham
Lancashire OL2 6HZ

☎ 0161 6270101
☎ 0161 6270971
sales@jamesbriggs.co.uk
www.jamesbriggs.co.uk

Johnson & Allen Ltd

Neocol Works
Smithfield
Sheffield S3 7AR

☎ 0114 273 8066
☎ 0114 272 9842
info@johnsonandallen.co.uk
www.johnsonandallen.co.uk

kdc/one Swallowfield

Swallowfield House
Station Road
Wellington
Somerset TA21 8NL

☎ 01823 662241
communications@kdc-one.com
www.kdc-one.com

Keen Newport Group Ltd

Unit 31, Kingfisher Court
Hambridge Road
Newbury
Berkshire RG14 5SJ

☎ 01635 34600
☎ 01635 33360
info@keen-newport.com
www.keen-newport.com

KOH-I-NOOR Mladá Vožice a.s

Mlada Vožice 620
391 43 Mlada Vožice
Česka Republika

☎ +420 381 401 101
www.kohinoor.cz

LEC (L'Pool) Ltd

LEC House
Alfred Street
Wavertree
Liverpool L15 4LH

☎ 0151 734 1411
sales@insette.com
www.insette.com

Lemonpath Ltd

Unit 2, Wanlip Road
Syston
Leicestershire LE7 1PD

☎ 0116 2645000
☎ 0116 2645013
sales@lemonpath.co.uk
www.lemonpath.co.uk

LifeSafe Technologies Ltd

1 Sopwith Crescent
Wickford
Essex EN9 2HB

☎ 020 7870 4890
info@lifesafetechnologies.com
www.lifesafetechnologies.co.uk

Lindal Valve Co Ltd

Cherrycourt Way
Stanbridge Road
Leighton Buzzard
Bedfordshire LU7 4UH

☎ 01525 381155
☎ 01525 383304
marketing@lindalgroup.com
www.lindalgroup.com

Liquid Science Solutions Ltd

Unit 6, Bentley Wood Way
Network 65 Business Park
Burnley
Lancashire BB11 5ST

☎ 01282 831251
☎ 01282 450456

info@liquidscience.co.uk
www.liquidscience.co.uk

LMA Services Ltd

LMA House, Halifax Way
Pocklington Industrial Estate
Pocklington, York YO42 1NR

☎ 01759 304676
enquiries@aerosol.co.uk
www.aerosol.co.uk

MarXman

4 Somafoord Grove
Barnet
Hertfordshire EN4 8UL

☎ 07815 831 810
marxmaninfo@yahoo.co.uk

Massilly UK Ltd

Unit 2, Hendy Industrial Estate
Hendy
Swansea SA4 0XP

☎ 01792 882766
☎ 01792 886166
aerosolorders@massilly.com
www.massilly.com

**No Climb Products Ltd t/a
Detectortesters**

Edison House
163 Dixons Hill Road
Welham Green
Herts AL9 7JE

☎ 01707 282760
☎ 01707 282777
matthew.whitlock@
detectortesters.com
www.detectortesters.com

Peppy Group (UK) Ltd

3 More London Riverside
London SE1 2RE

☎ 020 7993 8986
info@peppygroup.com
www.peppygroup.com

Pets Choice UK Ltd

Wemberham Lane, Yatton
North Somerset BS49 4BS

☎ 01934 831000
receptionbm@petschoice.co.uk
www.petschoice.co.uk

Pharmatec Solutions Ltd

Timberley, Cinder Lane, Gyfelia,
Wrexham LL13 0YH

☎ 07462020337
info@pharmatec.org

Plastipak

Ellice Way
Wrexham Technology Park
Wrexham LL13 7YL

☎ 01978 317378
murdoch.crawford@plastipak.
eu
www.plastipak.com

PRECISION

Hamilton House
Mabledon Place
London WC1H 9BB

☎ 01733 235335
rosa.dias@precisionglobal.com
www.precisionglobal.com

Procter & Gamble UK

The Heights
Brooklands
Weybridge
Surrey KT13 0XP

☎ 01932 896000
☎ 01932 896200
www.pg.co.uk

Quin Global UK Ltd

Unit 1 Ruthvenfield Avenue,
Inveralmond Industrial Estate,
Perth PH1 3WB

☎ 01738 494919
sales.uk@quinglobal.com
www.quinglobal.com

R&R Aerosol Systems Ltd

246 Green Lane
Walsall
West Midlands WS2 8HS

☎ 01922 641532
surjit.bajwa@ranr.co.uk
www.ranr.co.uk

R.A Jones & Co. (UK)

Unit 4, Lidstone Court
Uxbridge Road, George Green
Slough SL3 6AG

☎ 01895 200221
☎ 01895 202380
sales.uk@rajones.com
www.rajones.com

**Raymond Regulatory
Resources (3R) LLC**

13808 Duncan Run Road
Galena
Ohio 43021

☎ 440-339-4539
dgraymond@reg-resources.com

Reabrook Ltd

Rawdon Road
Moiria, Swadlincote
Derbyshire DE12 6DA

☎ 01283 222266
enquiries@reabrook.co.uk
www.reabrook.co.uk

Reckitt

Wellcroft House, Wellcroft Road
Slough
Berkshire SL1 4AQ

☎ 01753 506 800
ConsumerCare_UK@reckitt.
com
www.reckitt.com

RED Industries

Unit 4, Newlands Court
Attwood Road
Burntwood Business Park
Burntwood
Staffordshire WS7 3GF

☎ 01543 362210
dmorrison@redindustries.co.uk
www.redindustries.co.uk

ROCOL

ROCOL House
Wakefield Road
Swillington
Leeds LS26 8BS

☎ 01132 322600
☎ 01132 322740
www.rocol.com

Salvalco

Unit 11, Escrick Business Park
Escrick
York YO19 6FD

☎ 01904 720020
info@salvalco.com
www.salvalco.com

Sanglier Ltd

Shelley Close
Lowmoor Business Park
Kirkby in Ashfield NG17 7JZ

☎ 01623 722661
Customer.Services@Sanglier.
org.uk
www.sanglier.org.uk

**Sarten Ambalaj Sanayi ve
Ticaret A.S**

Ferko Signature
Buyukdere Caddesi No 175
Kat 17
34398 Sisili Istanbul
Turkey

☎ 00 90 212 275 76 60
☎ 00 90 212 272 34 17
sarten@sarten.com.tr
www.sarten.com.tr

SC Johnson Ltd

Frimley Green Road
Frimley Green
Camberley GU16 7AJ

☎ 01276 852189
☎ 01276 852308
tshearmu@scj.com
www.scjohnson.com

**Sherwin-Williams Consumer
Brands Group**

4440 Warrensville Center Road
Warrensville Heights
Ohio 44128

☎ 800-457-9566
www.sherwin-williams.com

Simply Breathe Ltd

Unit 4, Beverley Business
Centre

Beverley HU17 0NZ
☎ 07470 087558
matthew@simplybreathe.co.uk
www.simplybreathe.co.uk

Spilsbury Consulting Services

6 Braithwaite Close, Hallow
Worcester WR2 6PZ

☎ 01400 281322 / 07771 665991
spilsburyconsulting@gmail.com

Sumitomo Chemical (UK) plc

Hythe House
200 Shepherds Bush Road
London W6 7NL

☎ 020 7471 3730
☎ 020 7471 3749
spiller@scuk.sumitomo-chem.
co.uk
www.sumitomo-chem.co.uk

Summit Europe cv

Damsluisweg 12
1332 EC Almere
The Netherlands

☎ 00 31 36 549 1200
☎ 00 31 36 549 1201
r.hitchman@summit.eu.com
www.summitpackagingsystems.
com

Tor Coatings Ltd, Rust-Oleum Europe

Portobello Industrial Estate
Birtley
Chester le Street
Co Durham DH3 2RE

☎ 0191 4106611
☎ 0191 4920125
enquiries@tor-coatings.com
www.tor-coatings.com
www.makeityours.co.uk

Torus Measurement Systems Ltd

Nedge Hill Science Park
Nedge Hill
Telford
Shropshire TF3 3AJ

☎ 01952 219 995
sales@torus-group.com
www.torus-group.com

Triple Line Technology Ltd

46 Fanshawe Road
Cambridge CB1 3QY

☎ 07963 132328
m.nicmanis@triplelinetech.com
www.triplelinetech.com

Trivium Packaging UK Ltd

Coxmoor Road
Sutton in Ashfield
Notts NG17 5LA

☎ 07973 295128
andrew.davies@
triviumpackaging.com
www.triviumpackaging.com

Turtle Wax Europe Ltd

Alaska House
Atlantic Park
Dunnings Bridge Road
Liverpool L30 4AB

☎ 0151 5304740
☎ 0151 2111812
aslater@turtlewax.com
www.turtlewaxeurope.com

UL

9 Langley House
Wheatcroft Business Park
Landmere Lane
Edwalton
Nottingham NG12 4DG

☎ 0115 965 1888
UL.SupplyChain@ul.com
www.ul.com/supply-chain

Unilever UK Ltd

Unilever House
Springfield Drive
Leatherhead
Surrey KT22 7GR

☎ 01372 945000
☎ 01372 945001
www.unilever.com

Volcke Aerosols UK Ltd

56 Llantarnam Industrial Park
Cwmbran
Gwent
South Wales NP44 3AW

☎ 01633 861 411
☎ 01633 838 306
contactform@volcke-aerosol-
connection.com
www.volcke-aerosol-
connection.com/

WD-40 Company

PO Box 440
Kiln Farm
Milton Keynes
Buckinghamshire MK11 3LJ

☎ 01908 555400
☎ 01908 266900
info@wd40.co.uk
www.wd40.co.uk

Woodhurst Innovations Ltd

Suite 23
Anglesey Business Centre
Anglesey Road
Burton on Trent
Staffordshire DE14 3NT

☎ 07769 737762
enquiries@woodhurst-
innovations.co.uk
www.woodhurst-innovations.
co.uk

WV Associates Ltd trading as Wear Valley Aerosols

Unit 7, Hatfield Way
South Church Enterprise Park
Bishop Auckland
Co Durham DL14 6XF

☎ 01388 772250
☎ 01388 772263
sales@wearvalleyaerosols.co.uk
www.wearvalleyaerosols.co.uk



Overseas Associations

Overseas Associations

Country	Company name	Address	Email and website
Argentina	Camara Argentina del Aerosol (CADEA)	Godoy Cruz 2769 6° Piso, 1425 Buenos Aires Argentina	cadea@cadea.org.ar www.cadea.org.ar
Austria	FCIO Chemischen Industrie	FCIO - Association of the Austrian Chemical Industry Wiedner Hauptstraße 63 1040 Vienna Austria	office@fcio.at www.fcio.at
Australia and New Zealand	Aerosol Association of Australia Inc	Suite 704, 368 Sussex Street Sydney, NSW 2000 Australia	info@aerosol.com.au www.aerosol.com.au
Belgium/ Luxembourg	DETIC Aerosols	Boulevard A. Reyers 80 B-1030 Brussels Belgium	secretariat-detic@detic.be www.be-aerosols.be/fr
Brazil	Associação Brasileira de Aerossóis e Saneantes Domissanitários (ABAS)	Rua Arquiteto Olavo Redig de Campos, 105, Tower B, 24th floor, Chácara Santo Antônio, São Paulo Brazil	abas@as.org.br www.as.org.br
Canada	Canadian Consumer Specialty Products Association (CCSPA)	Suite 800, 130 Albert Street Ottawa, Ontario Canada K1P 5G4	assoc@ccspa.org www.ccspa.org
China	China Packaging Federation (CPF)	Room 809, Building 2, So Boss & Box Centre, No 16 of West South Third Ring Road, Fengtai district, Beijing 100068 China	info@aerosolchina.org www.aerosolchina.org
Czech	České aerosolové sdružení (CZ)	Velvety 33, 415 01 Teplice Ceská Republika	info@cz-aerosol.cz www.cz-aerosol.cz
Denmark	Aerosol Industries Brancheforeing (DK)	6 Phoenixvej, 8722 Hedensted Denmark	eriksen@aeropak.dk
Europe	European Aerosol Federation (FEA)	Boulevard du Souverain 165 1160 Brussels Belgium	info@aerosol.org www.aerosol.org

Finland	Finnish Aerosol Association (FI)	Roineentie 10, 00101 Helsinki Finland	kaisa.virtanen@unilver.com
France	Comité Français des Aérosols (CFA)	CFA – Comité Français des Aérosols 23 Bd des Capucines, 75002 Paris France	info@aerosols-info.org www.cfa-aerosol.com
Germany	Industrie-Gemeinschaft Aerosole e.V. (DE)	Mainzer Landstraße 55 60329 Frankfurt Germany	info@aerosolverband.de www.aerosolverband.de
Greece	Hellenic Aerosol Association (HAA)	Eleftherias and Melpomenis Road 15th Kim Nat. Rd, Athems Lamia 14564 Kifissia Greece	haaent@otenet.gr www.haa.gr
Hungary	Aerosol Association of Hungary (AAH)	Bartok B.u. 152, 1113 Budapest Hungary	csaosz@csaosz.hu www.aeroszol.hu/en
Italy	Associazione Italiana Aerosol (AIA)	Via Giovanni da Procida, 11, 20149 Milano Italy	aia@associazioneaerosol.it www.aia.federchimica.it
Japan	Aerosol Industry Association of Japan	2nd floor Maruishi-bldg 1-10-4 Kaij-cho, Chiyoda-ku, Tokyo 101 0044 Japan	sugiyama@aiaj.or.jp www.aiaj.or.jp
Mexico	Instituto Mexicano del Aerosol A.C (IMAAC)	Canarias 317, Col. Portales DF03300 Mexico	claudia.lince@imaacmexico.org www.imaacmexico.org
Netherlands	Nederlandse Aerosol Vereniging (NAV)	Arthur van Schendelstraat 600 NL- 3511 MJ Utrecht The Netherlands	info@nav-aerosol.nl www.nav-aerosol.nl/nl
Poland	Polish Aerosol Industry Employer's Association Polski Związek Pracodawców Przemysłu Aerozolowego (PZPPA)	Bartnicza 18 92-612 Lodz Poland	sekretariat@pzppa.pl www.pzppa.pl
Portugal	Associacao Portuguesa de Aeroisols (APA)	Rua da Junqueira nº. 39, 2º andar Edifício Rosa, 1300-307 Lisbon Portugal	apa@fiovde.pt
South Africa	Aerosol Manufacturers Association (AMA)	P O Box 9630, Centurion 0046 South Africa	execdir@aerosol.co.za www.aerosol.co.za

Spain	Asociación Española de Aerosoles (ES)	Loreto 2 – Entresuelo 4, 08029 Barcelona Spain	aeda@aeda.org www.aeda.org
Sweden	Swedish Aerosol Association (SAA)	Box 61, 18621 Vallentuna Sweden	lars.blak@aerosol.se
Switzerland	Assoziation der Schweizerischen Aerosolindustrie (CH)	Fankhauser Rechtsanwälte Rennweg 10, CH-8022, Zurich Switzerland	info@swiss-aerosol.ch www.swiss-aerosol.ch
Turkey	Aerosol Sanayicileri Dernegi (ASAD)	Kosuyolu Katip Salih Sokak No. 13 Kadıköy, Istanbul Turkey	asad@aerosol.org.tr www.aerosol.org.tr
USA	Household & Commercial Products Association	1625 Eye Street, NW Suite 700 Washington DC USA	info@hcupa.org www.thehcupa.org
USA	National Aerosol Association	3040 Saturn Street, STE 205, Brea California 92821 USA	NAA@nationalaerosol.com www.nationalaerosol.com



A person is shown from the back, spraying a product into the air. The sun is shining brightly in the upper left corner of the frame, creating a lens flare effect. The sky is a clear, deep blue. The person's hair is blowing in the wind, and they are wearing a dark jacket. The spray is visible as a fine mist against the sky.

 @BAMA_aerosol

 British Aerosol Manufacturers' Association

 enquiries@bama.co.uk

 01438 583 583

www.bama.co.uk