

# **DEGESCH America, Inc. Newsletter**

## **Issue XIII**

**In this issue:**

**Conventions and Conferences**

**FMP Creator Software**

**Diacon<sup>®</sup> II**

**Methyl Bromide CUE Update**

**ProFume<sup>®</sup> Detector Tube**

**International Maritime Fumigation Organization**

**People in the News**

**For a Printer Friendly Copy of the Newsletter in PDF Format, click [here](#).**

## **Conventions and Conferences**

### **Alabama Department of Agriculture Spring Fumigation Workshops**

<p>March 14, 2006 The Offices of AFC 121 Somerville Road</p>	<p>March 16, 2006 The Wiregrass Research &amp; Extension Center Headland, AL</p>
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**DEGESCH** America, Inc., in conjunction with the Alabama Department of Agriculture will be holding fumigation workshops on Tuesday, March 14, 2006 Thursday, March 16, 2006. The program will cover a variety of topics, including; Alabama Laws & Regulations, Respiratory Protection & Gas Detection, Integrated Pest Management, Use & Regulatory Status of Methyl Bromide, Insect Growth Regulators, Phosphine Fumigation and Fumigation Management Plans . Recertification credits are expected for Alabama, Georgia and Tennessee.

**For details on the Agenda and Registration, [click here](#).**

## **Degesch America, Inc. Recertification School**

**April 27, 2006**  
**The Stonewall Jackson Hotel**  
**Staunton, VA**

The **DEGESCH** America, Inc. Recertification School will be held on Thursday, April 27, 2006. This year's program will cover a variety of topics, including; Household Insect Pest Control, Structural Fumigation, Respiratory Protection & Gas Detection, DOT Issues, Ship Fumigation, Integrated Pest Management, Grain Fumigation and an Update on the Regulatory Status of Methyl Bromide. Recertification credits are expected from over 20 States and the District of Columbia. The registration fee is \$125.00 and includes refreshments during check-in, morning break, afternoon break and a buffet lunch. Check-in will be from 7:00 - 8:00 and the Seminar is scheduled to conclude at 5:00.

**For details on the Agenda and Registration, [click here](#).**

This year's venue will be the historic Stonewall Jackson Hotel in downtown Staunton, VA. This facility has been completely remodeled and restored to the elegance of a by-gone time with all the conveniences a modern hotel can offer. We have reserved a block of rooms at the special rate of \$109.00 per night for this seminar. Be sure to mention you'll be attending the **DEGESCH** America, Inc. Recertification School when making your reservation to receive this special rate.

### **About the Hotel**

"Founded in 1747, Staunton's charm has been preserved in its collection of fine old homes and buildings in every style from Queen Anne to Colonial Revival. The rich architectural heritage, combined with the Shenandoah Shakespeare Education Center and its Blackfriars Playhouse, make Staunton a favorite destination for those seeking a charming and intellectually stimulating retreat" - *Source: Stonewall Jackson Hotel Brochure*

## **GEAPS Exchange 2006**

**February 25-28, 2006**  
**Nashville Convention Center**  
**Nashville, TN**

"For a few days each year, the focus of the grain-handling industry centers on the GEAPS Exchange. It's the best show in the industry, where professionals like yourself come to learn, grow, network and, of course, have fun."- [GEAPS website](#)

Degesch America, Inc. will once again be part of this informative event. Be sure to stop by our booth, # 337, in the Exposition Hall and visit with Michael Burts and Thomas Meave.

## **FMP Creator Software**

Degesch America, Inc. has developed computer software to aid in the creation of a Fumigation Management Plan. This easy to use application is a simple fill in the blanks product, that takes the users input and formats it into a final FMP document that can be saved and printed. FMPs created with this application can be saved for

future use or edited and saved as a new FMP. The FMP Creator software is currently in the testing phase and we are in need of users to try out this product and report back to us. If you would like a free copy of the FMP Creator and would be willing to provide feedback on any problems you encounter, suggestions for improvement or features you would like to see added to the final version, fill in the form below and we will send you a complimentary copy. This offer is limited, so request your copy today.

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## Diacon® II

Wellmark, the manufacturers of Diacon® II, have introduced a new package. In addition to the 1 Liter containers that have been available from its inception they have added a 1 Gallon container. The new 1 gallon container is designed with a convenient measure and pour spout and is available in either a 4 X 1 gallon case or a single 1 gallon container. This new package fulfills a recurring customer request for a larger container. For more information on Diacon® II, contact us [here](#).



## Methyl Bromide CUE Update

### EPA Publishes 2006 CUE Final Rule

“The 2006 Critical Use Exemption (CUE) Final Rule was signed by the Environmental Protection Agency (EPA) Administrator on January 30, 2006. The Final Rule, which is effective on February 1, 2006, authorizes approximately 8 million kilograms (~17.6 million lbs) of methyl bromide for critical uses during 2006. This total represents 6,821,487 kilograms allowed for new production in 2006 with the remainder of the allowance to be drawn from pre-existing inventories (methyl bromide produced prior to 1/1/2005). EPA will announce allocations of Critical Stock Allowances by letters to the individual allowance holders. The framework rules for recordkeeping and reporting are essentially unchanged from 2005. Once we have read the 2006 rule in detail, we will inform you of any changes that might affect the way you manage your records in 2006.

Methyl bromide can now be produced, sold, and used for those Critical Uses defined in the 2006 Final Rule. The text of the rule is available at <http://www.epa.gov/ozone/mbr> and the Final Rule should appear in the Federal Register within the next few days.

Thanks to all of you who called EPA or your elected representatives to press for publication of this final rule. Without your efforts, publication of the rule would have undoubtedly been delayed even further.”

To view the 2006 Final Rule in the Federal Register, [click here](#).

### “Instructions (North America) for the Return of Returnable Containers to Great Lakes Chemical Corporation (A Chemtura Company)”

“Effective immediately, please be aware that we have revised our procedures for the return of Great Lakes Chemical Corporation (GLCC) returnable containers. It is imperative that you relay this communication to your customers who receive GLCC containers. Returnable containers remain the property of Great Lakes Chemical Corporation and must be returned in good condition. GLCC will pay return freight for GLCC containers provided directions are followed. Failure to follow the below procedures could result in additional costs in the handling of

the return containers and these costs will be charged to the shipper. Any fines associated with improper shipment will be the responsibility of the shipper. For the return of returnable containers, please contact SCO Logistics "SCO" prior to shipping any returnable containers. Call direct at toll free 866-528-7900 or 610-388-7900 between 8:30am and 5:00pm EST or e-mail at [chemturateam@scologistics.com](mailto:chemturateam@scologistics.com) and tell them you are contacting them to arrange a return of Great Lakes Chemical returnable containers. In order to quickly process your return, please be prepared to provide SCO with the following information: • Company, location and contact name • Contact phone number, fax number, and e-mail address • Pick-up hours at your facility • Description of what is being returned size of container and number of empty, partial or full containers product that was (or is) in the returnable containers(s) (this information is on the label) Note: if partial or full returnable containers are also being returned, SCO also will instruct you to contact Great Lakes Customer Service at 800-428-7947 to process the return credit where applicable. Our representative at SCO Logistics will prepare shipping documents for the return of GLCC's returnable containers. SCO will forward a Bill of Lading (BOL) to customer via e-mail or fax. The BOL will contain the name and phone number of the carrier you must call to schedule the pick-up. You must call a SCO Logistics Representative to initiate this service. Return without prior notification to SCO Logistics or by means other than those arranged by SCO Logistics could result in additional costs in the handling of the return containers and this cost will be charged to the shipper."

**If you have questions, please contact us.  
ALWAYS READ AND FOLLOW LABEL DIRECTIONS**

*Source: GLCC "Fumigation Fax"*

**The Fumigation Fax is distributed by Kelly Luzadder.  
If you would like to be included in the monthly distribution, contact Kelly [here](#).**

## **ProFume<sup>®</sup> Detector Tube**

Draeger Safety announced a unique new short-term Draeger-Tube<sup>®</sup> with applicability in the fumigation market.

<b>Part Number</b>	<b>Description</b>	<b>List Price</b>
8103471	Sulfuryl Fluoride 1/a (1-5 ppm)	\$125.00

"The new Sulfuryl Fluoride 1/a accurately measures the clearance value of 1 ppm for inspection of fumigated spaces. In addition, it covers the ACGIH TLV-TWA limit of 5 ppm. The new tube replaces the Sulfuryl Fluoride Test, P/N 8103361. Draeger has been able to dramatically improve the sensitivity for measuring this chemical through the use of a patented high temperature (pyrolysis) pre-tube design.

Each box of tubes can be used for 5 measurements."

The specification sheet for this new Short Term Detector Tube can be found [here](#).

*Source: Draeger Safety, Inc.*

# International Maritime Fumigation Organization (IMFO)



**Degesch America, Inc. is proud to be a member of IMFO**

## About IMFO

### History

“The IMFO Group was formed in 1994 by four companies based in Denmark, France, Spain and the UK who were all involved in ship fumigation. Starting right from the next year the organization started growing steadily admitting up to three new members almost every year.

From the very beginning the IMFO Group was demonstrating the intention to act world-widely and accept national fumigation companies from all regions of the world provided they performed services according to high-quality standards.

The organization exceeded the bounds of Western Europe on the second year of its existence having admitted members from Latin America and the USA. In 1996 IMFO came to Asia and Africa granting membership to fumigation companies in India and South Africa. The same year Canada joined the Group. Later on New Zealand and Ukraine followed.

1999 was also a breakthrough reinforcing IMFO with members from Vietnam, Saudi Arabia and Slovenia. The new millennium was marked by acceptance of new members from Turkey, Italy, Argentina, Egypt, Russia, Ukraine, Estonia and Brazil.

There are no limits for the acceptance of new members to IMFO Group except for one limitation that the member of IMFO can only be a national fumigation company. And though IMFO’s main objective is to improve standards of maritime fumigation, the members of the Group also perform a wide variety of other fumigation services. All IMFO member-companies have combined their efforts to provide expertise and specialist teams to the international cereals and commodity traders.

The organization is currently run and administered by the Board of Directors, Chairman and General Manager. Members and directors are in constant contact with each other.

All IMFO member-companies enjoy the advantages of acting as an international group or one international fumigation company making the voice of each member heard all over the world. Among the advantages of being a part of international organization is the access to the best technical data and procedures from across the world, as well as the opportunity to market your services to international shippers with the knowledge that you have reliable and trustworthy partners in other parts of the world allowing you to propose a more comprehensive and guaranteed treatment.

The IMFO approach to in-transit fumigation is in strict compliance with the United Nations International Maritime Organization (IMO) regulations. Today it is almost impossible for one fumigation organization to meet all requirements of quarantines at load and discharge ports and safety standards without a proper data base and assistance from the receiving party. The members of IMFO Group in many countries of the world provide each

other with the necessary assistance and consultation this way placing at our clients' disposal cost effective service of fumigation at load port with ventilation at discharge port and full warranty.

## **Idea**

The International Maritime Fumigation Organization came into existence because marine fumigation or fumigation continued in transit is perhaps several times more complex than what we know as classic inland fumigation of silos and all kinds of static premises.

Fumigation can be most generally defined as the action of releasing and dispersing a toxic chemical that reaches a targeted pest in the gaseous state. The goal of fumigation is to confine enough gas for sufficient time to eradicate the target pest, which in normal conditions is achieved in a static chamber under control of one qualified fumigator, who is able to supervise and eliminate all related processes and possible hazards. Among them is control of the residue gas level, detection of possible leakages, properly performed degassing, etc.

Goods are also transported to other parts of the world, however they do not cease to be subject to fumigation. Fumigation in ships holds continued in transit is done with the purpose to prevent idle time of ships and avoid the related additional costs. Fumigation in transit became possible with use of Phosphine gas (Hydrogen Phosphide), the only fumigant allowed for this purpose by IMO Recommendations on the Safe Use of Pesticides in Ships (2002).

The introduction of fumigation in transit with use of Phosphine came in so smoothly into our life that traders, mariners and all other participants concerned seem to have barely noticed this effective innovation. Several decades ago, a load of grain being declared insect-infested, grain traders would have 3 options: to accept this certification of the load which would make it impossible to sell the grain, or offload the infested grain from the vessel, or otherwise to fumigate the infested grain on board the vessel in port. Today fumigation in transit with use of Phosphine gas has replaced those ineffective, hazardous and uncomfortable options.

The process of marine fumigation begins at load port, continues for definite time during voyage to destination and ends at discharge port. The fumigation team performs fumigation works upon completion of loading issuing the certificate of fumigation in transit, stating in it the name of the fumigant used, the dosage and the exposure time which should be strictly observed.

The effect of Phosphine fumigants is based on reaction with moisture in the air to produce Phosphine which is toxic to all forms of life however it is detectable by an odor of carbide, decaying fish or garlic and very easily and quickly can be aerated thanks to the gas being only slightly heavier than air. Phosphine gas has permissible norms of gas concentration to allow people be exposed to it at very low levels for up to 8 hours a day without hazards to health. As against Phosphine, fumigation with Methyl Bromide would require that the ship be cleared of the crew for the whole period of fumigation as this fumigant is more than three times as heavy as air, requiring electric blowers to aerate the gas, it is injurious to all forms of life and exposure to it should be avoided by people at all concentrations.

Besides the necessity of fumigant application in the port of loading, there might arise difficulties both during the voyage itself and at the port of discharge, as fumigation is only completed when the exposure time has elapsed and ventilation has been completed and a gas free certificate issued by a competent person. To provide for due safety and proper efficacy, this complicated workflow requires participation of at least three parties throughout all this period of time: fumigators at load port, mariners, and fumigators at discharge. Fumigators at the port of loading provide the vessel with the necessary safety instructions at voyage and fumigators at discharge shall control the degassing process providing for that the load meets all necessary standards of the receiving country.

With the aim to improve cooperation between all parties concerned and increase level of Safety and efficacy for marine fumigation in 1994 the International Maritime Fumigation Organization (IMFO) was founded.

## **Aims and objectives**

**The original objectives were:**

- To develop common and improved standards of efficacy and safety for marine fumigation.
- To develop an international group of independent companies that would enable its members to provide the option of guaranteed fumigation to their customers, by controlling the fumigation at both load and discharge port.

It has been a relatively slow and difficult process to bring together the various requirements and procedures under the one banner of IMFO. We are now proud to be able to say that we can provide unrivalled expertise and know-how, together with value for money fumigation in most parts of the world.

Whether your requirement is for an individual treatment or a group contract, just contact your local IMFO member or our head office in the UK, and we will be pleased to attend to your needs.

#### **IMFO aims at**

- World-wide standards for the eradication of stored product insects in all stages of infestation by in-transit fumigation whether in bulk, bagged or containerized cargoes.
- World-wide coordinated service of efficient, safe, guaranteed results in accordance with the United Nations International Maritime Organizations (IMO) recommendations.

Whichever service is performed by the members of IMFO group we keep up to the principles of:

- **Safety first:** We work strictly in compliance with the United Nations recommendations and our more stringent requirements in high risks situations. We can arrange a guarantee of safety
- **Efficiency:** Our network of companies ensures that fumigation is controlled from load to discharge.
- **Economy:** With our range of treatment options, you can select a treatment to the level of guarantee you require: - Fumigation at load port - Fumigation at load port and ventilation at discharge port - Fumigation at load port and ventilation at discharge port including written discharge report and full warranty
- **Availability:** Our international perspective means we can arrange in-transit fumigation almost anywhere in the world.

#### **Assessing the Risks**

When facing fumigation of cargo you should always consider the potential risks:

- Could infestation be discovered at discharge by the receiver?

Incorrect choice of the method of fumigation, dosage and exposure time can result in poor fumigation results. The IMFO group provides a wide variety of services, including port-to-port service which enables our customers to solve any kind of problem connected with pest management both at load and discharge ports.

- Will the type of fumigation treatment/method be acceptable to quarantine or other regulatory authorities in both the exporting and importing country?

Every ship Master faces this dilemma, as the quarantines at the load and the discharge ports may place different requirements towards the fumigated cargo. Thanks to its database and availability of members in many different countries, IMFO can provide customers with cost effective port-to-port service and consultation whenever needed.

- Could the fumigant be badly applied, resulting in excessive pesticide residue, damaged cargo and poor insect control?

IMFO members aim at developing common and improved standards of efficacy and safety for marine fumigation, as high levels of quality and safety are in our mutual interests with the customer.

- Could unsafe procedures be used, resulting in illness, injury or death among the ship's crew or other workers?

Application of fumigants requires strict compliance with the corresponding safety instructions not only issued by the fumigant producer, but also with the regulations of international bodies. Members of the IMFO group use

progressive and safe technology carefully choosing the method and dosage of fumigant application, in conformity with the “safety first” principle.

- Is the fumigation company you use adequately insured?

In addition to adequate insurance IMFO members provide safety and efficiency to customers acting as the international team of fumigators. This way each IMFO member is insured at least twice.”

Source: [IMFO website](#)

## People in the News

### Condolences

**Jimmy Story**, 43, passed away on Friday, February 3, 2006. Jimmy had been employed at DAI for 15+ years, starting as a fumigation crew technician and through hard work and attention to detail had progressed to manager of our Savannah, GA office. Jimmy was a friend and co-worker who could always be counted on to do what was right, both personally and professionally. We here at Degesch will miss him greatly.

**Fred Bryant** passed away recently. Fred had previously worked for Degesch America, Inc. and the Industrial Fumigant Company before establishing his own business. Fred was a good man and an experienced fumigator who will be missed by those who knew him best.

"Fred Arthur Bryant III, 63, of Atlanta GA, formerly of Louisville, passed away Friday, January 6, 2006, in Atlanta, GA. ... He is survived by his wife of 42 years, the former Doris Jean Brown; daughter, Sheryl Parbhoo (Dharmesh); sons, Marty Bryant (Keri) and David Bryant; six grandchildren; Nicholas, Alyssa, William, Adam,, Erin and Emma; sisters, Carolyn Brown and Elizabeth Wise. In lieu of flowers memorial contributions may be made to American Heart and Lung Association."

*Source: Louisville Courier Journal*

If you have an event that you would like to see featured or a topic to suggest, send the particulars to [jsmiley@degeschamerica.com](mailto:jsmiley@degeschamerica.com)