

DataChem News

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AIHA's Emergency Response Planning Committee taking Comments on Phosphoric Acid

The AIHA Emergency Response Planning Committee's mission is to develop guidelines for responding to potential releases of airborne substances for use in community emergency planning. They publish brief summaries and estimates of tolerable-effect thresholds to assist in the planning of accidental, episodic chemical releases. The guidelines they publish are not intended as exposure recommendations. They continuously review health and safety data on chemicals of greatest concern. Current action items include: toluene, MTBE, 1-octanol, methyl bromide, phenol, formaldehyde, benzene, fluorine, formic acid, gasoline, trichloroethylene, sulfur dioxide, phosgene, and phosphoric acid. The guidelines derived for certain chemicals are estimates of the

Phosphoric Acid Recommendations from the AIHA's Emergency Response Planning Committee

- ERPG Tier 3—150 mg/m³
- ERPG Tier 2—30 mg/m³
- ERPG Tier 1—3 mg/m³

These recommendations are open to public comment until March 30, 2009. Visit <http://www.aiha.org/content/insideaiha/volunteer+groups/erpcomm.htm>

which could impair an individual's ability to take protective action." Tier 1 is "the maximum airborne concentration below which it is believed that nearly all individuals could be exposed for up to one hour without experiencing anything other than mild, transient health effects or perceiving a clearly defined, objectionable odor." The tier recommendations being presented by the committee for Phosphoric Acid are presented in the side bar. The committee's recommendations are open for public comment by visiting www.aiha.org/content/insideaiha/volunteer+groups/erpcomm.htm

For additional information on ERPGs visit http://cameochemicals.noaa.gov/help/4_datasheets/chemical_datasheets/toxic_locs/erpg.htm

Analysis of the Month Phosphoric Acid

For the month of March ALS DataChem is offering Phosphoric Acid Analysis using OSHA ID 111 for half off of our current list price of \$60.

For further details contact us at info@datachem.com
For a complete list of Salt Lake's analytical services [click here.](#)

To take advantage of the offer simply refer to the newsletter in your analytical request. Discount is only available at our Salt Lake facility.



The processing of cooking methamphetamine can create so much damage that a structure is uninhabitable

The Hospitality Industry—an unseen victim of methamphetamine

It's doubtful that illegal methamphetamine use and production will be a thing of the past anytime in the near future. Local law enforcement officials and the restrictions the federal government has placed on acquiring items used in illegal production have helped curtail the rapid growth of illegal manufacture that was seen in the first few years of this decade. "Cooks," the people responsible for producing a given batch of methamphetamine, are becoming very sly in their ability to avoid capture. By checking into a hotel room, often after ten at night, and checking out early the next morning, methamphetamine producers can cook a batch and leave a wake of contamination. Often the damage goes unnoticed for an extended period of time. To read more on this hospitality phenomena visit <http://www.foxnews.com/story/0,2933,498344,00.html> -or- <http://www.google.com/hostednews/ap/article/ALeqM5hURpCyvmobWZxgcVbt83u2oHLvUwD96HCFBG0>

Diacetyl Analysis with NIOSH 2557

Last month we published an article on diacetyl exposure and offered a coupon for diacetyl analysis using NIOSH method 2557. While NIOSH 2557 is an acceptable method to test for diacetyl there are some recovery issues when sampling occurs at moderate to high humidity. For this reason, OSHA 1013 may be a more reliable source when moderate to high humidity conditions are likely.

Pocket Field Reference Guide

ALS DataChem is publishing its first Sampling Pocket Guide to assist in sample collection. This handy guide is small enough to comfortably fit in your shirt or back pocket and contains a wealth of information. Listed in alphabetical order, analytes are easily located in the guide. Take a look at the chart below to see a sample of the information the guide contains:

Analyte	Method	Flow [L/min]	Vol. [L]	Media	Ship
1- and 2-Bromopropane	1025	0.01—0.2	0.1L; 12L	SKC 226-01 or 226-121	
1,1,1-Trichloroethane	14	0.2	3L	SKC 226-01	See method
1,1,2,2-Tetrabromoethane	2003	0.2—1.0	50L @ 1ppm; 100L	SKC 226-10	

We have received several requests for a copy once the guide is produced. If you have not yet sent in your request, and would like a copy, please contact your Project Manager, call 1-800-356-9135 or email us at marketing@datachem.com. Include your name and contact information. The guides are expected to be printed and mailed by mid March.

Do you have a topic you would like to see covered? Email me at bachtell@datachem.com.

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