

March 06

**Special points of interest:**

- **Helping Life Scientists**
- **Waste on campus**
- **Understanding your bill**
- **Improved management system**
- **Account Hints**

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# CCC News



## CCC Launches New Management System

On February 16, 2006 the Chemical Control Centre in collaboration with numerous campus departments successfully launched a new scientific materials information system. This replaces our existing inventory system and provides for complete system integration (to FIS). It was specifically developed to meet our unique operational needs.

### Improved Service:

This software improvement will allow for daily account updates, real-time inventory

searches, on-line MSDS information (forthcoming), and on-line ordering. Account holders will receive electronic updates of their acquisitions on a monthly basis to help aid in the management of their funds. Researchers are able to acquire materials directly on all their active grants (updated daily). In collaboration with research accounting, researchers will be able to view each transaction on FIS by viewing sub-object .8422.CCC. You can even get item specific details on price, grade, and size.

## Improved Services...

To improve service to our University of Windsor clients, the CCC will be rolling out two new services in the upcoming months.

In April, the CCC will be launching the University of Windsor's Hazardous Materials Information System (HMIS). The system allows

individuals to retrieve information about the hazardous materials stored in their labs, including quantities, acquisition information, and waste streams (i.e. halogenated aqueous waste).

Starting in May, researchers can order chemicals (from stock), gases, radioactive, or

### Improved Safety:

The improved management system will allow the University of Windsor to exceed legal requirements pertaining to Fire Response, Occupational Health and Safety, WHMIS, and other relevant legislation. The software & system improvements will also meet all Freedom of Information and Privacy legislation, including institutional records.

For more information, visit our website:

[www.uwindsor.ca/ccc](http://www.uwindsor.ca/ccc)

biologically active materials from the comfort of their office. On-line ordering will allow researchers to order items which are currently stocked at the CCC. Once the order is received the order will be packaged for pickup at your convenience. **More information will be forthcoming.**



**A wide variety of sharps containers are available at the CCC for a nominal price!**

*"It is not only a safety issue but a respect issue. Placing needles in the garbage demonstrates a lack of respect for our housekeeping staff" - B.Kickham*



**The CCC works with our primary vendors to acquire materials at the best prices!**

## Waste on campus

The University of Windsor has five major waste streams, including solid non-hazardous, biological, chemical, broken glass, and sharps/needles.

**Solid non-hazardous waste** consists of normal refuse which is collected from every laboratory on campus by a team of dedicated housekeeping staff members. Items in the solid waste stream are disposed in the municipal landfill. Under no circumstances should hazardous materials enter this waste stream.

**Biological waste** is stored in disposable primary containment bags and is autoclaved to render the waste non-hazardous. Once the waste has been treated it is non-hazardous and can be disposed

of in the solid waste stream.

All **chemical waste** is collected in an approved collection device and bulked on campus for disposal by the University of Windsor's hazardous waste management firm. Mr. Bill Middleton (Hazardous Waste Technician) is responsible for overseeing the collection and disposal of waste on campus. He can be reached at ext. 3519 or by e-mail at [bmiddlet@uwindsor.ca](mailto:bmiddlet@uwindsor.ca)

**Broken glass** is collected in designated receptacles and disposed of by Housekeeping. The broken glass containers located in both research and teaching labs must be kept free of other forms of waste (i.e. solid, chemical, and biological). Under no circumstances

should needles be placed within broken glass receptacles.

**Needles and other "sharps"** are disposed of in a sharps container. These containers provide solutions for the safe and effective containment and disposal of contaminated needles, syringes, and other sharps. The sharps containers are puncture-resistant and autoclave/incinerator-safe. They feature transparent, locking lids and needle removal ports. **These containers are available at the CCC for a nominal cost.**

Any questions related to the proper disposal of refuse on campus should be directed to the Housekeeping department.

## Life Scientists are people too!

The Chemical Control Centre is responsible for the acquisition of all hazardous materials on campus. This responsibility also includes the acquisition of materials which are consumed in life science research. Therefore, to better service our life science researchers the CCC will be starting to carry a wide range of life science reagents.

**Examples of products include:**

- ACRYLAMIDE (BIS 29:1)
- AGAR
- AGAROSE
- AMMONIUM PERSULFATE

- AMPICILLIN
- BORIC ACID
- X-GAL
- EDTA
- GLYCINE
- HEPES
- MOPS
- PEPTONE
- SODIUM DODECYL SULFATE (SDS)
- TEMED
- TRIS HYDROCHLORIDE
- TRITON X-100
- TRYPTONE
- YEAST EXTRACT
- A complete list of life science

reagents can be found on our website ([www.uwindsor.ca/ccc](http://www.uwindsor.ca/ccc)) or by calling our customer service line at ext. 3523.

The CCC has been able to acquire outstanding pricing from a variety of our life science vendors. It is convenient and our purchasing agreements typically save researchers over 30%.

These savings are directly transferred to our clients!

**This service will start April 1/06**

## Product Offerings

The Chemical Control Centre is dedicated to matching our inventory to meet your research needs. If you require a large quantity of scientific materials to support your research program please feel free to request that the item be carried at the CCC.

Over the last six months, we have started changing our product mix to match the evolving needs on campus. For example, we have added a sig-

nificant amount of cell culture and life science consumables to service the University of Windsor's expanding research programs investigating human diseases.

Please feel free to contact Chris Busch at ext. 3524 or [ccc@uwindsor.ca](mailto:ccc@uwindsor.ca) to request that a given item be added to our inventory.

## Account Hints!

Do you have a new student starting in your lab? Or did everyone of your graduate students graduate? If so, they you should consider updating your account authorization form. Visit our website to download a new form!

Our management system pulls all valid accounts from FIS nightly. Please inform your students which account they should use when acquiring goods.

## Understanding your bill!



2/28/2006

### Customer Monthly Sales Report

1544 - BUSCH, CHRIS

02/01/2006 - 02/28/2006 1

Account	<u>2</u> Order #	<u>3</u> Item #	<u>4</u> Description	<u>5</u> Issued To	<u>6</u> Qty	<u>6</u> Price	Ext
17880							

On March 1<sup>st</sup>, our automated billing system started to generate the Chemical Control Centre's monthly billing summaries. These billing summaries are delivered by e-mail to the person responsible for each account which experiences activity during the billing period. The recovered costs for each item are billed on a weekly basis by FIS and require no additional approval. The billing summary is a reflection of the costs for the month to allow for the efficient reconciliation of your account.

### Important features:

1. Billing period (MM/DD/YYYY)

2. Order number: unique system generated transaction number for each transaction. A copy of each transaction is available on request, including signatures

3. Item #: Chemical Control Centre item number for a specific product. This number is for internal use only and does not reflect vendor information.

4. Description of the item; example: Sodium Chloride ACS Grade 500G

5. Issued To: approved individual who acquired goods on your behalf.

6. Price: Reflects the true cost of acquiring the item, including appropriate taxes. The price of items carried in inventory include tax and shipping costs.

Note: Shipping costs for items acquired specifically for a researcher (one time purchase) are not included in the price of the item. The shipping costs for these items appear on a separate line.

Any questions regarding your billing should be directed to Chris Busch at ext. 3524 or [cbusch@uwindsor.ca](mailto:cbusch@uwindsor.ca).



We now carry Septum Stoppers from ChemGlass (VWR)

### Purchasing Cards

Did you know that you can order non-hazardous materials on your purchasing card?

Try ordering beakers, tips, tubes, and other non-hazardous materials from your favorite vendor including, VWR, Fisher, and Ultident.

It is against your purchasing card agreement to acquire hazardous materials on your VISA card.



We now carry a wide range of cell culture supplies, at cost

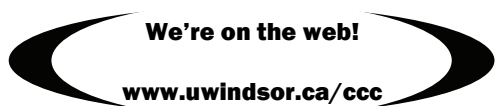


UNIVERSITY OF WINDSOR  
CHEMICAL CONTROL CENTRE

Hours of Operation:  
Monday to Friday: 8:30 AM to 4:30PM

Phone: 519-253-3000 ext. 3523  
(Customer Service & order desk)  
Fax: 519-973-7013  
E-mail: ccc@uwindsor.ca

Hours of Operation:  
Monday to Friday: 8:30 AM to 4:30PM



## Making research simple!

The Chemical Control Centre's role on campus is to facilitate the safe acquisition, utilization, and disposal of hazardous material on campus. All items which are controlled by either WHMIS or have a CAS number designation are acquired by the CCC. In addition, we provide stockroom services to the University of Windsor, primarily to the faculty whom reside in Essex Hall.

### The staff of the CCC consists of the following:

Chris Busch, Scientific Materials Coordinator, RSO/XSO ext. 3524

Role: Chris is responsible for overseeing the day-to-day operations of the CCC. In addition, he is responsible for UofW's radiation and x-ray safety program.

Bill Middleton, Hazardous Waste Technician, ext. 3519

Role: Bill is responsible for ensuring that all chemical and hazardous waste is disposed of properly on campus.

Jerry Vriesacker, Chemical Technician, ext. 3523

Role: Jerry is responsible for the acquisition of scientific materials, inventory management, and serving our clients at our counter.

Dr. Jim Green, Faculty Advisor, ext. 3545

## Move over Mr. Clean... RBS is here!



The CCC has started to carry a new general laboratory cleaner, RBS 35. RBS 35 concentrate is a mixture of both anionic and nonionic surfactants that is commonly used as a replacement for chromic

RBS 35 is commonly diluted in distilled water at a working concentration between 2 - 20%. Applications include optical uses (lenses, mirrors, reflectors), medical lab applications (protein and blood se-

rum residues are easily removed from glass and plastic.

For additional product information contact Bill Middleton at ext. 3519

RBS 35 is available at the CCC in a 500ML size. Larger sizes can be ordered on request.

RBS 35	Chromic Acid
Moderately alkaline	Strongly acidic
Harmless to skin and clothing	Extremely corrosive to skin and clothing
Easy disposal (sink)	Disposal difficult due to corrosive nature
No etching glassware	Frequently etches glassware
Rinses free of all residue	Occlusion of chromatic salts