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**Chemical
And
Radiation
Protection**

Lab Safety

Spectrum

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UW - Madison Safety Department Chemical and Radiation Protection
30 N. Murray St. 262-8769 <http://www.fpm.wisc.edu/safety>

Radioactive Materials License No. 25-1323-01

Help Line 265-5518

Hazardous Materials Transportation

Many of the materials you encounter in your day-to-day work are considered hazardous materials. If you need to ship them in commerce, that is, ship them with a commercial vendor such as UPS, FedEx, etc., specific rules apply to how the material must be packaged and documented.

Hazardous material may include alcohol, acid, solvents, compressed gas, dry ice, most laboratory samples and chemicals, radioactive material, as well as certain cleaners, pesticides and paint. Any package that arrives with a diamond-shaped DOT label is a hazardous material. Whenever transported to or from campus in a commercial vehicle, hazardous material must be handled, packaged, labeled, marked and transported according to specific federal requirements.

People who perform these packaging, labeling, marking, signing, and other functions must be trained and certified.

Training and certification is required if you:

- Load, unload or handle shipments of hazardous material.
- Prepare hazardous material for transport.
- Operate a vehicle used to transport hazardous material.

Employees who work in receiving areas or loading docks need to be trained and certified, as do employees who handle hazardous material shipments. A brief general awareness training is offered to those employees who simply receive hazardous materials shipments.

The chart on the next page tells you what type of hazardous materials training we offer and who to contact to register.



Hazardous Materials Transportation Training

To ship/receive	Contact	Phone	Email	Web Address	Note
Infectious Materials/Patient Specimens	Office of Biological Safety	263-2037	biosafety@fpm.wisc.edu	http://www2.fpm.wisc.edu/biosafety/	Offered quarterly
Chemicals	Greg Dierks	2-9735	gdirks@fpm.wisc.edu	http://www2.fpm.wisc.edu/safety/transportation/transport.html	Class is scheduled as need arises
	Ralph North	2-1524	rnorth@fpm.wisc.edu		
Radioactive Materials	Ralph North	2-1524	rnorth@fpm.wisc.edu		You must be a radiation worker to become certified

Radioactive Waste - Help Us Help You!

The best method for managing your radioactive waste is to allow the Chemical and Radiation Protection (CARP) field staff to pick it up at your laboratory. Guidelines for packaging waste are in section 5.3 of the [Radiation Safety for Radiation Workers](#) book. There are also some waste forms among the Sample Radiation Work Forms in Appendix C. Here are a few things you can do to help us handle and transport your waste safely and legally:

1) Use sturdy, leak-proof containers for liquids and seal them tightly. Leaking or overflowing containers are a big problem, both in transport and at our facility. Use containers of good integrity. Do not overfill, allow for expansion. Close the containers tightly. CARP can provide containers with 1 liter, 2 liter or 1 gallon capacity.

2) Please don't give us conical tubes.

These tubes don't seal tightly and, because of their shape, are difficult to store. Please keep a flat-bottom container near your work area and empty your conical tubes into it. The empty tubes can then be disposed as solid radioactive waste.

3) Document your waste properly.

Each liquid container must have a tag attached and each box must have a label. Fill out the pumpkin-colored radioactive waste disposal form completely. Each line on the form should represent one container. Be sure to include the constituents in your liquid waste and the name brand of scintillation cocktail.

Overall people do a great job packaging and documenting their radioactive waste. It really helps us manage the waste efficiently if you do it properly. If you have any questions, please call Ralph at 608-262-1524 or email rnorth@fpm.wisc.edu



Surplus chemical pickup schedule – UW Safety field staff will come to your laboratory to take your surplus chemicals and solvent waste according to the following schedule. Request a pickup at:

<http://www2.fpm.wisc.edu/chemsafety/oshmm.htm>

Monday Afternoon

CSC
Pharmacy (Rennebohm)
VA Hospital
Waisman / Keck Center
Malt & Barley Lab

Tuesday Morning

Ag Engineering & Lab
Ag.Hall
AHABS
Animal Science
Babcock
Bardeen
Birge Hall
Chamberlin
Chemical Engineering
Consumer Science
Dairy Forage
Engineering
ERB
Family Resources
Food Research
Food Science
Fred Hall
Garage
Grainger Hall
Highway Lab
Humanities
Material Science & Engineering
Meat & Muscle Biology
Meat Science
Mechanical Engineering
Medical School

Memorial Union
Moore Hall
MSC
Muscle Biology
Physics
Plant Science
Russell Labs
SMI
Stadium
Sterling Hall
Veterinary Science (AHABS)
Helen C. White
Other East Campus Buildings

Tuesday Afternoon

Agronomy (Moore Hall)
Biochemistry / Bacteriology
Biotechnology Center
Biotron
Bock Labs
Enzyme
Genetics
Geology (Weeks Hall)
Health Services
Herrick Dr.
Hiram Smith & Hiram Smith Annex
Horticulture (Moore Hall)
Hydraulics
King Hall
Limnology
Machine Shop
Meriter
McArdle Labs
Meteorology / Space Science

Molecular Biology
Natatorium
Noland Hall
Nutritional Sciences
Paint Shop
Physical Plant
Plant Pathology (Russell)
Police & Security / UW Police
Primate Center / Primate Research
Psychology
Service Bldg.
Social Sciences
Soil Science
Space Science
State Lab (Henry Mall)
Stovall
Truck Service
University Health Services
Veterinary School
Vilas Hall
Walnut St. Greenhouses
WARF
Water Chemistry
Weeks Hall
Zoology
Zoology Research
660 N. Park St.
1001 Spring St.
1552 University Avenue
Other West Campus Buildings

Wednesday Afternoon
Chemistry

Annex hours

The Safety Department Annex is located at Room 62 Biochemistry. It is staffed 11:00 am - 2:00 pm Monday, Wednesday and Friday. You may pick up Safety Department literature and supplies such as yellow bags, labels and liquid container tags. You can drop off survey meters for calibration. There is a liquid scintillation counter available for your use upon request. Call 265-5241 during Annex hours if you have questions.



Radiation and Chemical Safety training classes are offered at Union South; each class satisfies either OSHA or State training requirements. Class location is posted on "Today in the Union" bulletin board on the training date.

2007 Dates	Chemical Safety Training	Radiation Safety Training	2007 Dates	Chemical Safety Training	Radiation Safety Training
January 9	1:30 pm	9:00 am	April 9	1:30pm	9:00am
January 25	9:30am	12:30 pm	April 26	9:30am	12:30 pm
February 1	1:30pm	9:00am	May 8	1:30 pm	9:00 am
February 20	9:30 am	12:30 pm	May 24	9:30 am	12:30 pm
March 5	1:30pm	9:00am	June 5	1:30 pm	9:00 am
March 22	9:30am	12:30 pm	June 14	9:30 am	12:30 pm

UW-Safety Dept.
30 N. Murray St. 53715-1227

(608) 262-8769

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