

SAFETY GEAR

Safety gear and protective clothing are important to protect operators and others working with wastes. Hazardous substances enter your body in four ways: through breathing, eating; and touching them, or absorbing them through the skin. These "exposure pathways" are called: inhalation, ingestion, direct contact, and absorption.

Pathway		Important Information ¹
Inhalation		<u>Inhalation Prevention/Respiratory Protection</u> http://extension.missouri.edu/publications/DisplayPub.aspx?P=WM6002#inhalation
Ingestion		<u>Ingestion Prevention</u> http://extension.missouri.edu/publications/DisplayPub.aspx?P=WM6002#ingestion
Direct contact		<u>Eye and Skin Protection</u> http://extension.missouri.edu/publications/DisplayPub.aspx?P=WM6002#absorption
Absorption through the skin		<u>Absorption Prevention</u> http://extension.missouri.edu/publications/DisplayPub.aspx?P=WM6002#absorption

¹Source of 'Important Information' column: University of Missouri Extension Office of Waste Management Household Hazardous Waste <http://extension.missouri.edu/owm/hhw.htm>

Because these are the only ways that hazardous substances can reach your body to harm you, **if you block these pathways, you will prevent any harm.**

How do you do that?....By using some common sense and some simple safety equipment,

The safety gear you need depends on the tasks you perform and the type of hazardous materials you work with. Read the Table below and you will see what we mean.

Types of safety	When to use them	Important information ¹
Respirator mask 	If burning or when there is a possibility of toxic chemicals	<u>Respiratory Protection and Guide to Respirators</u> http://extension.missouri.edu/publications/DisplayPub.aspx?P=WM6002#safe http://www.osha.gov/SLTC/respiratoryprotection/index.html http://www.osha.gov/dts/shib/respiratory_protection_bulletin_2011.html
Leather gloves and rubber liner gloves 	If handling wastes or batteries	<u>Hand Protection and Guide to Gloves</u> http://extension.missouri.edu/publications/DisplayPub.aspx?P=WM6002#absorption http://www.osha.gov/Publications/osha3151.html
Eye protection 	If working with batteries or liquid hazardous wastes	<u>Eye Protection and Guide to Goggles</u> http://www.osha.gov/SLTC/etools/eyeandface/ppe/goggles2.html
Tyvek suit 	For walking on piled up wastes if you have to	<u>Body protection</u> www.osha.gov/dte/library/ppe_assessment/ppe_assessment.html#body_protection <u>How to handle contaminated clothing</u> http://www.osha.gov/dts/osta/otm/otm_viii/otm_viii_1.html#7
Steel-toed boots 	All the time. Remember to get your tetanus shot too. Nails and sharp objects can puncture even thick soled boots.	
Ear plugs 	If using heavy equipment	
Hardhat 	If walking through unstable wastes. You can also use a strapped-on bicycle helmet.	
Medical kit 	Have one handy all the time	

Also - if you plan on ever walking around a dumpsite, remember to get your tetanus shot from the clinic first! Nails and other sharp objects are all around. If you are a waste collection technician or a dump site operator, be sure to get your hepatitis shots, especially if you have honeybucket households.



For more information about how to safely handle hazardous wastes go to the EPA Region 5 and the Purdue Research Foundation website at:

<http://extension.missouri.edu/owm/hhw.htm>

Where to purchase safety gear

Remember you can order on-line or by phone if you have a credit card

Anchorage

Spill Shield Inc

Ask for Kris (she has worked with several Native Villages)

5610 Silverado Way Suite 10

Anchorage, AK. 99518

Phone: 561-6033

Web: www.spillshield.com

e-mail: spillshield@ak.net

Airgas

6350 Arctic Blvd

Anchorage, AK 99518

Phone: 563-6644

Web: www.airgas.com

Alaska Safety

4725 Gambell Street

Anchorage, Alaska 99503

Phone: 561-5661

Web: www.alaskasafety.com

Unitech of Alaska

7600 King St. Anchorage, AK

Phone: 800 649 5859

Web: www.unitechofalaska.com/

Eagle Enterprises Inc.

700 W. International Airport Rd

Anchorage, AK 99518

Phone: 562-2331 or 800-478-2331

Email: trent@eaglesafety.net

Web: www.ultimategear.com

Fire and Safety Equipment and Clothing

1100 W. Diamond Blvd Anch, AK 99515

Phone: 344-8151

Web: www.firehouseinternational.com

Army Navy Store (safety clothing)

320 W 4th Anchorage, AK 99501

Phone: 1 (888) 836-3535

Web: www.army-navy-store.com

Fairbanks

Airgas

641 Hughes Avenue,

Fairbanks, AK 99701

Phone: 456-3400

Web: www.airgas.com

Big Ray's Store (safety clothing)

507 2nd Ave Fairbanks, AK 99701

Phone: 800 478 3458

Web: <http://www.bigrays.com/>

Arctic Fire and Safety

702 30th Ave

Fairbanks, AK 99701

Phone: 1 (800) 260-FIRE

Email: arcfire@mosqitonet.com

Web: <http://www.arcticfireandsafety.com/>

Juneau

Southeast Extinguisher Service

8319 Airport Blvd

Juneau, AK 99801

Phone: 790-2522

Email: southeastextinguisher@acsalaska.net

Web: www.seextinguisher.com

Ketchikan

Tongass Trading (safety clothing)

201 Dock Street

Ketchikan, Alaska 99901

Phone: 1 (800) 235-5102

Web: www.tongasstrading.com

Clean up, spill containment, containers, and safety equipment

Unitech of Alaska

7600 King St. Anchorage, AK

Phone: 800 649 5859

Web: www.unitechofalaska.com/

Sarasota, FL 34233

Phone: 1 (800) 474-7294

Web: www.interstateproducts.com

Spill Shield Inc

5610 Silverado Way Suite 10

Anchorage, AK. 99518

Phone: 561-6033

Web: www.spillshield.com e-mail:

spillshield@ak.net

Lab Safety Supply, Inc.

PO Box 1368, Janesville, WI 53547-1368

Phone: 1 (800)-356-0783

Web: www.labsafety.com

New Pig

One Pork Avenue, P.O. Box 304

Tipton, PA 16684-0304

Phone: 1 (800) 468-4647

Email: hothogs@newpig.com

Web: www.newpig.com

Hazmat Chemical Storage, Inc.

1225 Wakeham

Santa Ana, CA 92705

Phone: 1 (800) 401-5877

Email: info@hazmatstorage.com Web:

www.hazmatstorage.com

Interstate Products, Inc.

3921 Sawyer Road

Denios, Inc.

1152 Industrial Blvd. Louisville, KY 40219

Tel: 877-388-0187

Email: info1@denios-us.com Web:

www.thehazmatpro.com