

JOB SAFETY ANALYSIS

Safety Information for the University of California, Berkeley

RECREATIONAL SPORTS - MAINTENANCE

HANDLING/TRANSPORTING/STORING A FUEL CONTAINER OR HAZARDOUS CHEMICALS

General Precautions: Exposure to chemicals can result in acute or long-time health effects. Touching, picking up, or moving a fuel container can be hazardous to a responder. A fuel container can be touched, picked up and/or moved after assessment and conclusion that it poses no imminent danger to the person handling the item.

TASK	HAZARDS	CONTROLS
1. If handling a fuel container or chemicals, assess the condition of the container away from its location by interviewing the "owner".	Explosion during assessment	Prevent entry into location of fuel container or chemical. Warn others of a potentially hazardous fuel container or chemicals.
2. If handling a fuel container or chemicals, determine what other materials or substances are in the immediate area.	Risk of exposure to other chemicals that may be present with the fuel container if it leaks or explodes	Avoid entry into location with suspect material. If safe, proceed with caution.
3. Handling chemicals.	Exposure to chemicals	Always review the Material Safety Data Sheet (MSDS) for each chemical before using. Avoid direct contact with chemicals. Use Personal Protective Equipment (PPE) where necessary (according to the MSDS). Adjust ventilation for proper air circulation or use chemical outside.
	Slipping/falling	Ensure that work area is not on slippery surface. Wear proper footwear to prevent slipping. Free area of physical hazards and debris.
4. Transporting fuel containers or chemicals.	Spilling	Secure lids before moving chemicals. Ensure the path to destination is clear. Make certain that chemical or fuel will not spill due to unsecured transport. See above for additional information.
5. Decontaminating area if chemicals are spilled.	Exposure to chemicals	See above for more information.

		Back injury from being in low position	Bend knees to lessen pressure on back when reaching for a low position. Use hand to support body on leg.
	6. Storing chemicals.	Spilling due to unsecured containers	Secure lids before storing. Store chemicals in a secure and level location.
		Potential explosions of incompatible chemicals	Properly label all chemicals. Review MSDS for incompatible chemical storage. Store flammable chemicals in a fire-safe storage cabinet.
	Required Training: IIPP, MSDS usage, familiarity with protocols in stabilizing and transporting fuels and chemicals.	Required Personal Protective Equipment (PPE) Gloves, respirator, eye protection, and coveralls	
Other Information: Contributors: Created: JSA Library Number:	Department of Recreational Sports June 2004 RS-Maint-07		
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