Chemicals

A. Purpose:

The purpose of this policy is to reduce student and staff exposure to chemical hazards from hazardous chemicals used or kept at the school.

B. Steps:
   a) Inventory
      1) Each year (During summer vacation), the school conducts a site-wide chemical inventory.
      During the inventory, expired and unwanted chemicals are identified for proper disposal.

C. Purchasing
   1. Mrs. Ragan, Pastor Ragan&, Mrs. Combs will be in charge of purchasing ALL chemicals provided for Trinity Christian School.
   2. Donated items such as hand sanitizer and any products staff want to bring into the school must be approved by school administration
   3. First in first out is our policy.

D. Storage
   1. Secondary containers will not be used to store chemicals unless they are properly labeled and approved for such use.
   2. All Storage areas are properly ventilated
   3. Reactive chemicals will not be stored near each other
   4. Hazardous chemicals will be stored in locked areas at all times.
   5. **Hazardous Chemical Definition**
      a. A **hazardous chemical** is defined by OSHA as any chemical that is a health hazard or a physical hazard.
      b. Health Hazard
      c. OSHA defines a **health hazard** as a chemical for which there is statistically significant evidence based on at least one study conducted in accordance with established scientific principles that acute or chronic health effects may occur in exposed employees. Chemicals covered by this definition include carcinogens, toxic or highly toxic agents, reproductive toxins, irritants, corrosives, sensitizers, hepatotoxins, nephrotoxins, neurotoxins, agents that act on the hematopoietic system, and agents that damage the lungs, skin, eyes, or mucous membranes.

   6. All original containers will be labeled with the date received.

D. Disposal

1. Unwanted, unused, and outdated chemicals should be identified as soon as possible. This is done once a year during summer vacation.

2. Disposal will follow state regulations. Pouring down the drain or throwing in the trash is not acceptable.

3. The school has a budget for proper disposal of hazardous waste. Please see Mrs. Brenda Combs if you have any questions on this.

E. Spills, Explosions, and Accidents (including inhalation, ingestion, or direct contact.)

1. **Spill Cleanup**

a. **General Notes on Chemical Spills**

- Spills should be contained, the area cleared of students, and the spill cleaned up immediately.
- Waste from spill cleanup should be disposed of appropriately.

  Chemistry Lab will be equipped with a clean up kit.
- After floor spill has been thoroughly cleaned up in the appropriate manner, the area should be mopped dry to minimize the risk of slipping and falling.

Spills that Constitute Fire Hazard

- Extinguish all flames immediately.
- Shut down all experiments.
- Vacate the room until the situation has been corrected.

Other Spills

. Use an absorbent material to neutralize the liquids. Materials include:

- for acids, powdered sodium bicarbonate
- for bromine, sodium thiosulfate solution (5-10%) or limewater
- for organic acids, halides, nonmetallic compounds, or inorganic acids, use slaked lime and soda ash

- or general spills, use commercial absorbents or spill kits, small particles of clay absorbents (kitty litter), or vermiculite

i. Wear rubber gloves and use a dustpan and brush. Clean the area thoroughly with soap and water, then mop dry.

ii. Aromatic amine, carbon disulfide, ether, nitrile, nitro compound, and organic halide spills should be absorbed with cloths, paper towels, or vermiculite and disposed of in suitably closed containers.

Emergency Contact Numbers

Front office ext. 221

911

Poison Center 1-800-222-1222

- To see all the MSDS Sheet…
- Please feel free to call Brenda Combs at 631-2194 Ext 225