

All,

The use of air fresheners in classrooms and business spaces is currently generating District indoor air quality (IAQ) concerns. These devices can be hazardous to respiratory systems/environment and can mask other IAQ concerns within a work space. Please see the attached ADR Environmental letter regarding the hazards of air freshener use.

Please inspect your site for air fresheners removing all that are located. Also, please share this notice with staff advising them that it is inappropriate to utilize air fresheners in classrooms or other District work areas.

Always immediately report any IAQ concern to Maintenance and Operations Dispatch at 331-7193.

V/R

Mitch Slater

Director, Maintenance and Operations

Lodi Unified School District

1305 East Vine Street

Lodi, CA 95240

(209) 331-7181 (Work)

(209) 331-7632 (Fax)

m Slater@lodiUSD.net



October 14, 2010

Mr. Mitch Slater
Director, Maintenance & Operations
Lodi Unified School District
1305 East Vine Street
Lodi, California 95240

**RE: Potential VOC Exposure from Plug-In Air Fresheners
LUSD Facilities
Lodi, California**

Dear Mr. Slater:

According to the U.S. Environmental Protection Agency (EPA), some air fresheners may contain toxic chemicals. Volatile organic chemicals (VOCs) used in aerosol and electric plug-in air fresheners contain cancer-causing carcinogens and other irritants. VOCs are known to aggravate pre-existing health conditions.

The Centers for Disease Control and Prevention reports that VOCs known to pollute indoor air include toluene, styrene, xylenes and trichloroethylene. Some of these chemicals may be emitted from aerosol products, dry-cleaned clothing, glues and air fresheners. Phthalates are chemicals that carry fragrance found in many air fresheners. These chemicals have been linked to cancer, abnormal sexual development and fertility problems. Levels of toxins and chemicals released by air fresheners are very low and don't pose an immediate threat to health. However, because of the amount of time people spend indoors, exposure increases and can become a risk.

There is mounting health evidence that spray and plug-in air fresheners are a major source of VOCs. Air fresheners emit ultra-fine particles and chemicals that are hazardous to the respiratory system and environment. Plug-in air fresheners release limonene and pinene. These substances react with the common air pollutant ozone, creating formaldehyde and other chemicals that can lead to respiratory problems. Some also contain terpene, which reacts with naturally occurring ozone in the air and forms compounds that have long-term effects on the respiratory system (asthma, for example). Additional symptoms from exposure to chemicals found in air fresheners may include fatigue, confusion, nausea and headache.

This is just a brief informational note for your review. Please give me a call at (916) 469-3695, or contact me by email at misbell@adreg.com with any questions you have.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark A. Isbell'.

Mark A. Isbell, REA, HMR, CAC
Project Manager