

H.x Environmentally Preferable Janitorial Products

H.x.1 Environmentally Preferable Product Goals

H.x.1.1 The District is seeking contractors to provide environmentally preferable and effective janitorial products that support the District's environmentally preferable purchasing (EPP) contracting initiative.

H.x.1.2 Environmentally preferable products are products and services that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose. This comparison considers the life cycle of the product from raw material acquisition, production, manufacturing, packaging, distribution, re-use, operation, maintenance and disposal.

H.x.2 Environmentally Preferable Janitorial Products

Janitorial products subject to the requirements of this clause include the following:

All-purpose cleaner	General degreaser
Bathroom cleaner	General disinfectant
Bathroom deodorizers	Glass/window cleaner
Bathroom disinfectant	Graffiti remover
Bathroom hand cleanser/soap	Gum remover
Carpet cleaner	Lime and scale remover
Chrome and brass cleaner/polish	Solvent spotter
Floor stripper/finish	Urinal deodorizers/cleaner
Furniture polish	Wood floor wax/cleaner/finish

H.x.3 Prohibited Cleaning Products

Janitorial products with the following ingredients shall not be used because they pose an unacceptable risk to the person using the product, building occupants and the environment:

Alkylphenol Ethoxylates	Naphthalene
Benzyl Alcohol	Nitrilotriacetic Acid
CFC-22; Chlorodifluoro Methan	Paradichloro benzene
Coconut Oil; Diethanolamine	Perchloroethylene
Diethanolamine	Tetrachloroethylene
HCFC-142b	Toluene
Lauric Acid Diethanolamine	Tributyl Tin
Methyl Chloroform; 1,1,1,-TCE	Trichlorethylene
Methyl Ethyl Ketone	

H.x.4 Janitorial Product Health and Environmental Requirements

The Contractor shall only use janitorial products during the performance of this contract that meet the following requirements:

H.x.4.1 Skin and Eye Irritation

- (a) This attribute refers to janitorial cleaning supplies containing chemicals that are either mildly or strongly irritating to the skin or eyes. These substances are either highly alkaline or acidic.
- (b) The Contractor shall use products with a pH between 7.2 and 7.8 which are acceptable alkaline levels.

H.x.4.2 Food Chain Exposure

- (a) This attribute refers to ready-to-use cleaning products containing ingredients that are consumed by smaller aquatic plants and animals that increase in concentration through the food chain.
- (b) The Contractor shall use products when the bioconcentration factor (BCF) measured are less than 1,000.

H.x.4.3 Air Pollution Potential

- (a) This attribute refers to janitorial products containing volatile organic compounds (VOC) that could form smog once in the atmosphere, thereby causing irritation of the eyes, nose, throat, lungs and asthma attacks.
- (b) The Contractor shall not use products containing volatile organic compounds (VOC) in concentrations that exceed 10% of the weight of the product.

H.x.4.4 Fragrances

- (a) This attribute refers to products containing fragrances that are added to the formulation to improve an odor or to mask an offensive odor. This attribute does not include natural odors associated with cleaning agents (e.g. a lemon odor).
- (b) The Contractor shall not use products containing fragrances that are added to the formulation to improve an odor or to mask an offensive odor.

H.x.4.5 Dyes

- (a) This attribute refers to dyes that have been added to a formulation to

enhance or change the product's color.

(b) The Contractor shall use products without dyes.

H.x.4.6 Minimizing Exposure to Concentrates

- (a) This attribute refers to the possibility that an end-user of a product could be exposed to a concentrated form of the product, thereby exposing the end-user to a greater health risk than that caused by exposure to the ready-to-use product.
- (b) If possible, the Contractor shall use products that are not in a concentrated form.
- (c) If the Contractor uses products in a concentrated form, it must be a part of a system by which chemicals are only transferred between closed containers, thereby reducing the risk of harm to the end-user.

H.x.5 Packaging Reduced/Recyclable

H.x.5.1 If possible, the Contractor shall use products that are in reusable, refillable, or recyclable containers or are otherwise made from recycled content products.

H.x.5.2 No products shall be delivered in aerosol cans.

H.x.5.3 All products must be available in non-aerosol containers such as ready-to-use pump action sprays, air-charged refillable containers or spray bottles.

H.x.5 Product Safety

H.x.5.1 The Contractor shall be responsible for:

- (a) Any damage to personnel, buildings, furniture or equipment directly traceable to their use or transportation of prohibited products.
- (b) Any spills or leaks that occur during the use or transportation of their products.
- (c) Evacuating and warning individuals that might be affected by any spills or leaks that occur when their products are being used or transported.
- (d) Paying the clean up cost for any spills or leaks that occur while they are using or transporting their products.