



## DIRECTIONS FOR THE REDUCTION OF MERCURY VAPOR

For use on all surfaces exposed to Metallic Mercury-Mercury Salts-or materials containing Mercury in any form. **HgX**<sup>®</sup> is particularly recommended for rough surfaces, such as worn concrete floors, having cracks or crevices-wooden floors with open joints, etc.

### DIRECTIONS (DRY METHOD)

Distribute 8 oz. of **HgX**<sup>®</sup> powder evenly over 100 sq. ft. of floor area to be treated. Brush or sweep **HgX**<sup>®</sup> lightly into all cracks and crevices, then spray, sprinkle or swab with water.

### (WET METHOD)

For the initial treatment add 1 1/2 pounds of **HgX**<sup>®</sup> slowly or sift to 5 gallons of water—do not dump. Following applications may be reduced to 1 pound for each 5 gallons of water. **HgX**<sup>®</sup> solution should be milky—if clear increase quantity. Apply with a sprayer, large whitewash brush, or mop-saturate wooden floors thoroughly-allow to stand over night, preferably over holidays or weekends. Rinse-mop or sponge with clear water to remove residual **HgX**<sup>®</sup>, if necessary.

We suggest washing or generous spraying of all floors and wall surfaces every two weeks in operating areas with **HgX**<sup>®</sup> which will provide a coating or film on Metallic Mercury or reduce to non-vaporizing form. **HgX**<sup>®</sup> will also react with various Mercury compounds and materially reduce Mercury contaminated air from such sources.

For regular sweeping we suggest saturating ordinary sawdust with **HgX**<sup>®</sup> solution as described herein, you will reduce the dust hazard and treat the area at the same time.

### (CLOSED SYSTEM)

To decontaminate closed systems which cannot be treated practically by the wet method outlined above, fill the system with **HgX**<sup>®</sup> solution (1 1/2 pounds in 5 gallons of water) and agitate or circulate the solution for several hours. Drop the solution and flush thoroughly with clear water. Repeat if necessary.

### NOTICE

If the **HgX**<sup>®</sup> is caked or lumpy, due to storage, simply remove the entire plastic bag and roll the bag and its contents on a flat surface or simply squeeze by hand until powdered.

Due to the variations in the water supply in certain areas the quantity of **HgX**<sup>®</sup> may require some adjustment. If the water, after adding the recommended quantity of **HgX**<sup>®</sup>, does not turn milky (white) within 15 minutes or half hour, add additional **HgX**<sup>®</sup> until it does. The solution upon standing several hours (overnight) will turn clear but retain its efficiency. The precipitation on the bottom of the container is merely the excess above saturation.

### CAUTION

Be sure to properly ventilate all areas suspected of mercury contamination. Continue adequate ventilation during decontamination procedures until mercury vapor concentration is lowered to acceptable levels. **HgX**<sup>®</sup> Powder and **HgX**<sup>®</sup> solution may cause corrosion to some metals. Clean all treated metal surfaces with clear water and dry thoroughly.

Avoid contact with eyes, skin or clothing. Use rubber gloves. Do not mix **HgX**<sup>®</sup> with other cleaning agents or any other material. Use cold tap water to make up solutions.



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