

# Organic Systems, Inc

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## What is GEN-X?

**GEN-X** is a clean alternative solvent for the Dry Cleaner. It is biodegradable. Virtually non-toxic and non-Carcinogenic. It cleans better than all other solvents available today. **GEN-X** has been designed as an alternative to Perchloroethylene (Perc). Unlike Perc, **GEN-X** has no health, environmental, or safety hazards. Regulatory agencies and landlords are very satisfied with **GEN-X** specifications.

What are the differences between **GEN-X** and other alternative solvents?

1. **GEN-X** does not contain any hazardous components. It has a relatively high flashpoint, and does not produce any hazardous health, safety, or environmental issues. **GEN-X** has no **HAPS**. (Hazardous air pollutants) and being lighter than water will float on water until it breaks down to CO<sub>2</sub> & water should there be an unintended loss or spillage. When distilled regularly **GEN-X** does not break down and is a very stable product.
2. **GEN-X** is designed to carry specific amount of moisture (not enough to cause shrinkage to garments) sufficient to remove water-soluble stains without using additional chemicals.

**GEN-X** is a synthetic alcohol (propylene based). It is a Polar solvent, meaning that it is relatively closer to water than all other dry cleaning solvents. It is very gentle on fabrics and leaves garments with original creases for easier finishing. According to **GEN-X** users, they can feel the softness of finished garments. Some **GEN-X** users say that they do not need to brush the ring on the collar for laundry shirts. They just dry clean with **GEN-X** and then re-wash with water prior to the pressing process. Customers are using this method increasingly.

**The U.S. Food and Drug Administration (FDA)** considers propylene glycol “generally recognized as safe” (GRAS) for use in human food and some animal foods. Because its GRAS status, propylene glycol is widely used as a moistening agent in food applications.

Some important information about **GEN-X** can be found in the Material Safety Data Sheet.

#### **Section 5: Fire Fighting Measure**

**GEN-X** has a relatively high flashpoint. It breaks down to  $CO$  &  $CO_2$  when heated to the point of decomposition.

#### **Section 13: Disposal considerations**

Summary: This product is not regulated as a hazardous waster by the U.S. Environmental Protection and Recovery Act (**RCRA**) regulations. Check the local regulatory requirements before disposal. These may vary from the State or Federal requirements.

#### **Section 14: Transport Information**

**U.S. Department of Transportation Shipping Classification:** Not classified a hazardous material.

#### **Section 15: Regulatory Information**

##### **U.S. Regulations:**

Chemicals specific U.S. Occupational Safety and Health Administration (**OSHA**) under 29CFR do not apply to this material or its components.