

Dry Ice: The Green Clean

A Safe Alternative for You and the Environment



Dry ice is made of reclaimed CO₂ and does not produce more CO₂ or add additional greenhouse gases to the atmosphere.

Dry Ice Cleaning is Effective & Safe

- Dry ice is an approved media by the EPA, FDA and USDA as an acceptable material in cleaning methods.
- For food processors, dry ice cleaning has been documented by the Food Standards Agency to effectively decontaminate surfaces of Salmonella, E. coli and Listeria.
- It does not release harmful gases into the atmosphere.
- The process does not generate secondary waste.
- It is safe and nontoxic. Once pellets impact the surface, they sublime back into a gas.
- The process reduces or eliminates employee exposure to (and corporate liability from) the use of dangerous chemical cleaning agents.



Other Cleaning Methods Can Be Toxic

- When using solid grit media or water for cleaning hazardous materials, the cleaning media also becomes hazardous, requiring special handling, disposal and regulatory reporting. Dry ice does not create waste stream additions.
- Sand, soda or water blasting can create downstream contamination that affects surrounding installations and can kill nearby vegetation.
- Chemical and solvent cleaning methods are toxic, which creates toxic waste and requires disposal.
- Workers are exposed to potentially harmful substances through the use of chemicals and solvents.

Environmentally Responsible

In addition to being clean and safe, it is also important to remember that dry ice is obtained as a byproduct of other industrial processes - i.e. it is made from reclaimed CO₂. It does not produce additional CO₂ or add further CO₂ to the atmosphere and therefore does not contribute to the greenhouse effect. Dry ice cleaning is truly and completely environmentally responsible.