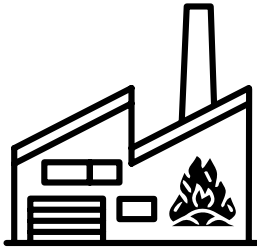




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DIFFERENCE<sup>®</sup>

# Go Green With EcoTek<sup>®</sup> Sustainable Technology<sup>™</sup>

## Incineration-Friendly Nitrile Gloves for a Cleaner Planet!

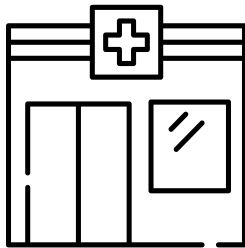
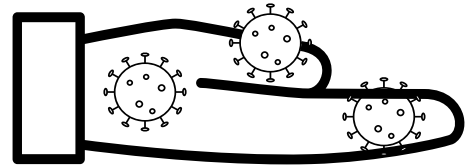


### The Role of Incineration in Waste Management

Incineration is a waste management process that involves the controlled burning of solid, liquid, or gaseous materials at high temperatures. The primary purpose of incineration is to reduce the volume of waste and dispose of it in an environmentally responsible manner. This process is typically conducted in specialized facilities known as incinerators.

### Benefits of Incinerating Contaminated Nitrile Gloves

Incineration of nitrile gloves is a common practice in healthcare and various industries where glove contamination is a concern. This method ensures the safe disposal of gloves that have come into contact with hazardous materials or pathogens, reducing the risk of disease transmission and environmental contamination.



### Disadvantages of Incineration

Incinerating nitrile gloves with high carbon content releases toxic gases like CO<sub>2</sub>, N<sub>2</sub>O, NO<sub>x</sub>, NH<sub>3</sub>, and VOCs, contributing to environmental and health risks. Nitrogen oxides affect visibility and respiratory health, while VOC inhalation can lead to severe organ damage and increased cancer risk.

### SW EcoTek gloves have been proven to reduce air pollution when incinerated

Results are based on 3rd party testing when compared to a regular glove



CO<sub>2</sub> (Carbon dioxide) emission is reduced by 7%



TVOC (Total Volatile Organic Carbon) emissions have been reduced by 56%



NO<sub>2</sub> (Nitrogen dioxide) emission is reduced by 55%



CO (Carbon monoxide) emissions have been reduced by 48%



SO<sub>2</sub> (Sulphur dioxide) emission is reduced by 81%



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