

TIPs on Ethylene Oxide Audio Description

The text “tips on ethylene oxide” appears onscreen, with the CDC and ATSDR logos at the bottom.

Two characters are working in an industrial sterilizing plant. One character is wearing personal protective equipment (PPE), is highlighted in green, and has a check mark next to him. The other character is not wearing PPE, is highlighted in red, and has a caution symbol next to him. Pop-ups appear showing spices, antifreeze, personal care products, and an unlit cigarette.

A patient is in a medical exam room. The patient’s anatomical figure appears showing the organ systems affected by exposure to ethylene oxide. Pop-ups show a dry tongue with the words “Dry mouth” underneath; a woman holding her stomach and covering her mouth with the words “Vomiting, Diarrhea” underneath; a woman holding her head and grimacing with the word “Headache” underneath; a woman who looks confused and is rubbing her head with the words “Memory loss” underneath; a right hand being held by a left hand with the word “Numbness” underneath; a woman rubbing her eyes with the words “Eye irritation” underneath; an arm showing a forearm rash with the words “Skin irritation” underneath; lungs outlined in red with the words “Lung irritation” underneath; a woman coughing with the words “Coughing, Shortness of breath, Wheezing” underneath; a constricted bronchus with the words “Bronchial constriction” underneath; blood showing decreased neutrophils with the word “Neutropenia” underneath; blood showing decreased red blood cells with the word “Anemia” underneath; blood showing abnormal cells with the words “Hematologic cancer” underneath; and a cross-section of a breast showing an irregular mass with the words “Breast cancer” underneath.

The patient sits on a medical exam room bed and talks with a doctor. The text “Ethylene oxide biomarkers in blood and urine” appears at the top of the screen. Below, there is a red “x” next to the text “cannot predict health effects,” and a green checkmark next to the text “can confirm exposure in some situations.” A laptop is opened to the U.S. Preventive Services Task Force recommendations.

The patient is talking with her doctor in a doctor’s office.

The patient talks with a foreman in an office at a sterilization plant. A “no-smoking” pop-up appears. The foreman points to a sign about PPE.

The patient is working in a sterilization plant. There is a ventilation fan. Proper PPE fades onto the patient.

The patient's doctor talks on the phone with a specialist in medical toxicology or occupational and environmental medicine.

The text "tips on ethylene oxide" appears on screen. The web address atsdr.cdc.gov appears below it and the CDC and ATSDR logos are at the bottom of the screen.