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Release ID	17668	Release Date/Time	4/14/2026 3:30:00 PM
Extremely Hazardous	YES	Report Date/Time	4/14/2026 4:07:00 PM
Release Location	CRODA 315 CHERRY LN. NEW CASTLE, DE 19720 ECO PLANT AREA 400 / LEAKING VALVE GASKET IN THE PIPELINE.		
Facility ID & Name	5283 CRODA	Facility Address	315 CHERRY LN. NEW CASTLE, DE 19720
Substance Released	ETHYLENE OXIDE	Release Duration	Continuous
Estimated Quantity	N/A		
Released To	<input type="checkbox"/> Ground <input type="checkbox"/> Water <input checked="" type="checkbox"/> Air		
Additional Information	AN UNKNOWN QUANTITY OF ETHYLENE OXIDE WAS RELEASED DUE TO A LEAKING VALVE GASKET IN A PIPELINE. THE ON SITE DELUGE SYSTEM WAS ACTIVATED AND THE LEAKING VALVE WAS ISOLATED. THE LEAK WAS SECURED IN JUST UNDER 40 MINUTES. AT THIS TIME THE FACILITY ESTIMATES INDICATE THAT EMISSIONS ARE BELOW THE REPORTABLE QUANTITY OF 10LBS.		
Health Risks: (Information provided here may be from the Cameo Chemical database and may or may not pertain to this specific release. It is provided as a precaution only.)	ETHYLENE OXIDE The following chemical information was taken from the CAMEO Chemical database. It can cause death. Lowest inhalation concentration causing toxic effects is 12500 ppm/10 seconds. It is a strong skin irritant. Neurological disorders and even death have been reported. (EPA, 1998)		

Medical Attention: (Information provided here may be from the Cameo Chemical database and may or may not pertain to this specific release. It is provided as a precaution only.)	ETHYLENE OXIDE The following chemical information was taken from the CAMEO Chemical database. Warning: Ethylene oxide is corrosive to moist tissues. Caution is advised. Signs and Symptoms of Acute Ethylene Oxide Exposure: Signs and symptoms of acute exposure to ethylene oxide may be severe, and include dyspnea (shortness of breath), cough, pulmonary edema, pneumonia, and respiratory failure. Lethargy, headache, dizziness, twitching, convulsions, paralysis, and coma may be observed. Cardiac arrhythmias and cardiovascular collapse may also occur. Gastrointestinal effects of acute exposure may include nausea, vomiting, and abdominal pain. Ethylene oxide may severely irritate or burn mucous membranes and moist skin. Eye contact may result in conjunctivitis (red, inflamed eyes) and erosion of the cornea. Emergency Life-Support Procedures: Acute exposure to ethylene oxide may require decontamination and life support for the victims. Emergency personnel should wear protective clothing appropriate to the type and degree of contamination. Air-purifying or supplied-air respiratory equipment should also be worn, as necessary. Rescue vehicles should carry supplies such as plastic sheeting and disposable plastic bags to assist in preventing spread of contamination. Inhalation Exposure: 1. Move victims to fresh air. Emergency personnel should avoid self-exposure to ethylene oxide. 2. Evaluate vital signs including pulse and respiratory rate, and note any trauma. If no pulse is detected, provide CPR. If not breathing, provide artificial respiration. If breathing is labored, administer oxygen or other respiratory support. 3. Obtain authorization and/or further instructions from the local hospital for administration of an antidote or performance of other invasive procedures. 4. Transport to a health care facility. Dermal/Eye Exposure: 1. Remove victims from exposure. Emergency personnel should avoid self-exposure to ethylene oxide. 2. Evaluate vital signs including pulse and respiratory rate, and note any trauma. If no pulse is detected, provide CPR. If not breathing, provide artificial respiration. If breathing is labored, administer oxygen or other respiratory support. 3. Remove contaminated clothing as soon as possible. 4. If eye exposure has occurred, eyes must be IMMEDIATELY flushed with lukewarm water for AT LEAST 15 minutes. 5. If liquid is spilled on the skin, allow ethylene oxide to vaporize before washing THOROUGHLY with soap and water. 6. Obtain authorization and/or further instructions from the local hospital for administration of an antidote or performance of other invasive procedures. 7. Transport to a health care facility. Ingestion Exposure: 1. Evaluate vital signs including pulse and respiratory rate, and note any trauma. If no pulse is detected, provide CPR. If not breathing, provide artificial respiration. If breathing is labored, administer oxygen or other respiratory support. 2. Obtain authorization and/or further instructions from the local hospital for administration of an antidote or performance of other invasive procedures. 3. Give the victims water or milk: children up 1 year old, 125 mL (4 oz or 1/2 cup); children 1 to 12 years old 200 mL (6 oz or 3/4 cup); adults, 250 mL (8 oz or 1 cup). Water or milk should be given only if victims are conscious and alert. 4. Activated charcoal may be administered if victims are conscious and alert. Use 15 to 30 g (1/2 to 1 oz) for children, 50 to 100 g (1-3/4 to 3-1/2 oz) for adults, with 125 to 250 mL (1/2 to 1 cup) of water. 5. Ethylene oxide generally acts as its own cathartic; however, if deemed necessary, excretion may be promoted by administering a saline cathartic or sorbitol to conscious and alert victims. Children require 15 to 30 g (1/2 to 1 oz) of cathartic; 50 to
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	100 g (1-3/4 to 3-1/2 oz) is recommended for adults. 6. Transport to a health care facility. (EPA, 1998)		
Precautions Recommended	None	Public Notified?	NO
Facility Contact Name:	JEFF LABROZZI	Facility Contact Phone:	207-542-5480
Facility Contact Email:	JEFF.LABROZZI@CRODA.COM	Status	Final



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