

**FORANE® 22****1. PRODUCT AND COMPANY IDENTIFICATION****Company**

Arkema Inc.  
900 First Avenue  
King of Prussia, Pennsylvania 19406

**Fluorochemicals**

**Customer Service Telephone Number:** (800) 245-5858  
(Monday through Friday, 8:00 AM to 5:00 PM EST)

**Emergency Information**

**Transportation:** CHEMTREC: (800) 424-9300  
(24 hrs., 7 days a week)  
**Medical:** Rocky Mountain Poison Center: (866) 767-5089  
(24 hrs., 7 days a week)

**Product Information**

**Product name:** FORANE® 22  
**Synonyms:** R-22, HCFC-22  
**Molecular formula:** CHClF<sub>2</sub>  
**Chemical family:** Hydrochlorofluorocarbon  
**Product use:** Refrigerant

**2. HAZARDS IDENTIFICATION****Emergency Overview**

**Color:** Clear - colourless  
**Physical state:** gaseous  
**Form:** Liquefied gas  
**Odor:** Slightly ether-like

**\*Classification of the substance or mixture:**

Gases under pressure, Liquefied gas, H280  
Specific target organ toxicity - single exposure, Category 3, H336  
Hazardous to the ozone layer, Category 1, H420

\*For the full text of the H-Statements mentioned in this Section, see Section 16.

**FORANE® 22****GHS-Labeling**

Hazard pictograms:



Signal word:

**Warning****Hazard statements:**

H280 : Contains gas under pressure; may explode if heated.

H336 : May cause drowsiness or dizziness.

H420 : Harms public health and the environment by destroying ozone in the upper atmosphere.

**Supplemental Hazard Statements:**

Overheating or overpressurizing may cause gas release or violent cylinder bursting. May decompose on contact with flames or extremely hot metal surfaces to produce toxic and corrosive products. Vapor reduces oxygen available for breathing and is heavier than air. Prolonged or repeated contact may dry skin and cause irritation. May cause frostbite. May cause effects on: Heart

**Precautionary statements:****Prevention:**

P261 : Avoid breathing gas/mist/vapours/spray.

P271 : Use only outdoors or in a well-ventilated area.

**Response:**

P304 + P340 : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 : Call a POISON CENTER or doctor/ physician if you feel unwell.

**Storage:**

P403 + P233 : Store in a well-ventilated place. Keep container tightly closed.

P405 : Store locked up.

P410 : Protect from sunlight.

**Disposal:**

P501 : Dispose of contents/ container to an approved waste disposal plant.

P502 : Refer to manufacturer/ supplier for information on recovery/ recycling.

**Supplemental information:****Potential Health Effects:**

Liquid : Contact with liquid or refrigerated gas can cause cold burns and frostbite. Vapor: Vapor is heavier than air and can cause suffocation by reducing oxygen available for breathing. If inhaled: Central nervous system effects: headache, nausea, dizziness, drowsiness, loss of consciousness. Stress induced heart effects: Inhalation may cause an increase in the sensitivity of the heart to adrenaline, which could result in irregular or rapid heartbeats and reduced heart function.