

# Ammonia Safety Picture This



**Ammonia Refrigeration**

**What you really need to know**

|                                                                                                                                                                                                                       |                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br><b>Tried and true</b><br>Ammonia is among the earliest refrigerants to be used in mechanical systems and is still widely used. | <br><b>Eco Friendly</b><br>As a natural refrigerant, NH <sub>3</sub> has zero ozone depletion potential and does not contribute to global warming. | <br><b>Lower cost, higher efficiency</b><br>Ammonia systems have a lower installation cost and higher operating efficiency compared to competitive synthetic refrigerants. | <br><b>Potential Problems are easily identified</b><br>Leaks can be quickly detected because of the strong, distinctive odor. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

With proper safety measures and regular preemptive maintenance, ammonia refrigeration systems can be a cost effective and environmentally sustainable solution for your industrial refrigeration operations.

Source: <https://www.mmrefrigeration.com>