



FIRE MARSHAL BULLETIN

2020-003

Summary

- **Product:** Crisis-Grade Hand Sanitizer Refill in aluminum cans

Reason

The affected products contain "COVID response emergency hand-sanitizer," produced using ethanol and sold in aluminum cans, similar to those containing craft beer. The product has been reported to react with the container, resulting in deterioration and causing release of the product through the bottom and sides of the container. This hand-sanitizer is a flammable product and, should it leak out of the container and come into contact with an ignition source, result in a fire.

Depth of distribution

Wholesalers, Retailers, Social Service Entities, Emergency Responders

Affected products

Crisis-Grade Hand Sanitizer Refills packaged in aluminum cans that were produced by some local breweries and distilleries and distributed by various sources.

Remedy

Anyone who has purchased this type of product should immediately inspect the container for leaks and immediately clean up any product that has leaked out of the container with soap and water. If the container is still intact, transfer any remaining product into a suitable plastic or glass container for further storage. If the container has developed a leak it is possible that some of the alcohol may have evaporated, reducing the effectiveness of the hand-sanitizer. In this case the product should be diluted with at least three parts water to one part sanitizer and disposed of down a sanitary drain.

Ethanol or ethyl alcohol is a flammable and may cause a fire when exposed to a heat source or open flame. Diluting the product with water is also effective in reducing fire risk.

Questions regarding this document may be forwarded to PIOfire@calgary.ca

Fire Marshal
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