



2010 HNS Convention

MV ZIM Kingston

HNS Workshop – April 3-4, 2023
Caitlin O'Boyle, Transport Canada



Transport
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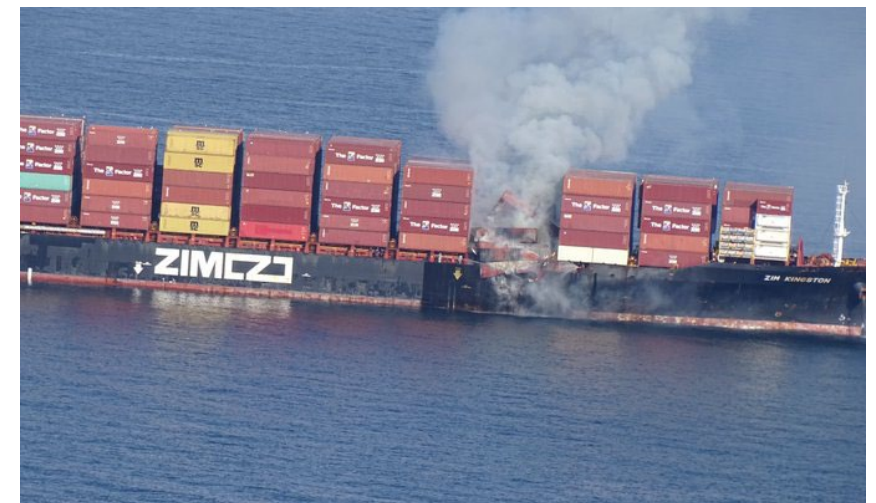
Overview

- Background on *MV ZIM Kingston*
- Risks posed by HNS substances
- Liability and compensation
- Contact information



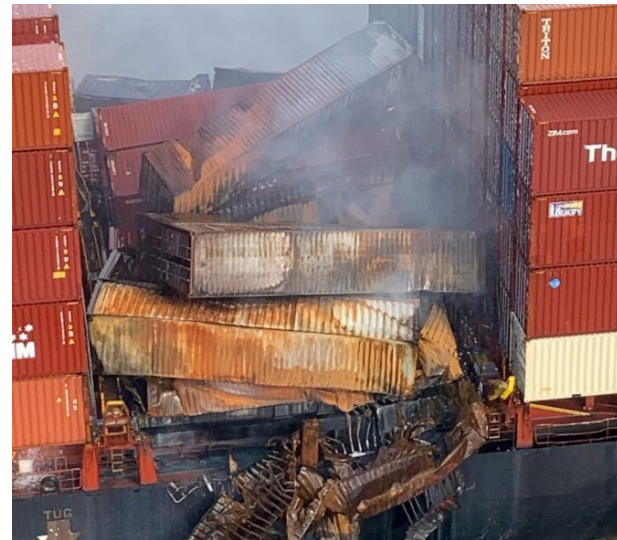
Background

- *MV ZIM Kingston* - October 2021
- The container ship lost 109 containers in heavy seas during a storm off the coast of British Columbia.
- While anchored near Victoria on Vancouver Island, several containers caught fire.



Background - continued

- 2 of the containers on fire contained potassium amyl xanthate, which is classified as a hazardous and noxious substance.
- Many of the containers that went over sank and most remain unaccounted for.



Risks

Potassium amyl xanthate

- Used in the mining industry for the separation of ores using a flotation process.
- Upon exposure to moisture and/or heat **spontaneous combustion can occur.** Contact with moist air can result in ignition.
- **Emits a flammable gas upon contact with water or water vapour.** Can decompose at high temperatures forming toxic gases.
- Fatal if swallowed. Harmful if inhaled. And can cause other health effects.



Liability

- MV Zim Kingston (40,030 GT)
 - Shipowner's liability under LLMC for 'any other claims':
22,964,533 SDR or USD\$31 M
 - Shipowner's liability under LLMC for 'claims for personal injury and loss of life':
45,929,066 SDR or USD\$62 M
 - Shipowner's liability under HNSC for 'packaged goods':
77,100,025 SDR or USD\$103 M
- + HNS Fund up to 250 M SDR or USD\$185 M**

Contact

- If you need more information or have any questions, please email:

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