

RISK ANALYSES OF HAZMAT, HMCS ST. JOHN'S, HMCS TORONTO AND HMCS PRESERVER



The Department of National Defence as part of their Sustainable Development Strategy has objectives and targets for eliminating High-Risk Hazardous Materials from naval ships. This task also includes the requirement to provide Ship's staff, Contractors and anyone working onboard HMC Ships, information pertaining to risks associated with hazardous materials and hazardous equipment integral to HMC Ships. **OCL Group** was retained to provide a consolidated report of all hazardous materials held on board, as well as integral equipment.

The information review of previous assessments and reports (Hazmat Surveys, hazardous material equipment information; Ship's Order information etc.) was compiled and all HAZMAT was analysed for Risk. Material Safety Data Sheets (MSDS) were reviewed (if available), updated, obtained and reviewed (if necessary) and all information with regard to the HAZMAT of concern was compiled such that the Product Name (with trade names and assigned DND numbers); locations of HAZMAT; quantities held; Main Hazards (poison; ODS; oxygen depleter etc); reactivity information (stability; incompatibilities etc.); disposal considerations (containers; labelling etc); fire hazards (thermal decomposition; special concerns/requirements such as personal protective equipment (PPE)) and any special concerns (safety issues, environmental risk etc) was tabulated and Hazardous Material Classes were then analytically discussed and summarized. OCL also provided immediate notification of Hazardous Material on-board which were in need of immediate disposal or removal such as Ozone Depleting Substances and materials which had been **Red Listed** by DND.

Client: Dept. of National Defence

	<p>Blue open head drum Fût bleu sans couvercle</p> <p>Used for solid/dry chemicals such as corrosives, poisons or dangerous when wet. Produits chimiques solides ou secs tels que les matières corrosives, toxiques ou dangereuses au contact de l'eau.</p>
	<p>Blue bung drum Fût bleu à bords</p> <p>Used for liquid chemicals such as Corrosives, poisons and flammables. Produits chimiques liquides tels que les matières corrosives, toxiques et inflammables.</p>
	<p>Rag and filter drum Fût pour filtres et chiffons</p> <p>Used for oily/hydrocarbon rags and filters. Note: comes in three colors, color designates user. CHIFFONS et filtres gras/hydrocarbonés. Nota: il existe trois couleurs selon l'utilisation.</p>
	<p>White oil drum Fût pour hydrocarbures blancs</p> <p>Used for oily/hydrocarbon products, not for grease. Produits gras/hydrocarbonés, pas de graisse.</p>
	<p>Jetty waste container Contenant de déchets pour la jetée</p> <p>Used for collection of smaller quantities of waste. Note: unit comes with a compatibility chart. It also comes with a flip style placard holder and placards. Sert à la collecte des petites quantités de déchets. Note: comprend un tableau de compatibilité, des plaquettes et un support à plaquettes.</p>
	<p>Battery box Boîte à batteries</p> <p>Used for the collection of batteries. Tape both terminals then place battery in box. Sert à la collecte des batteries. Couvrir les deux pôles et mettre la batterie dans la boîte.</p>
	<p>Secondary containment tray Bac de confinement secondaire</p> <p>Used for spill containment in working areas. Sert à la retenue des fuites et débordement dans les espaces de travail.</p>