



Materials Safety Hazard Assessment

To meet regulations for the production, transport and shipping of ores and concentrates, producers of mineral concentrates or shipped ores are required to develop detailed dangerous goods classification and safety data sheet (SDS) information for their products. This can require the detailed testing of product to determine the potential risks to human health and the environment.

MBS Environmental can review available product data and manage any appropriate further testing of materials through external accredited laboratories for the purposes of:

- Testing and classification as per Australian Dangerous Goods (ADG) and International Maritime Dangerous Goods (IMDG) Codes criteria required for transport of dangerous goods, including assignment of UN number and requirements for Environmentally Hazardous Substances (Class 9).
- Globally Harmonised System (GHS) and Workplace Health and Safety (WHS) Hazard Classification for national and international labelling and SDS requirements.
- Classification and testing as per International Maritime Solid Bulk Cargoes (IMSBC) Code for safe stowage and shipping of solid bulk cargoes including assessment against Materials Hazardous Only in Bulk (MHB) criteria.
- International Convention for the Prevention of Pollution from Ships (IMO MARPOL ANNEX V) Classification for shipping to avoid discharge of materials which may be Harmful to the Marine Environment (HME).
- Preparation of a compliant SDS required for sale of product incorporating the above.
- General Chemical/Health Hazard Assessment or Advice for occupational hygiene, spill management and/or risk assessment advice (e.g. asbestos minerals, respirable silica, radiation risk, bioavailability of metals).