

Material Safety Data Sheets
Required Contents
[1910.1200(g) - 48 Federal Register 53343-44]

1. MSDS must be in English.
2. Must contain following information:
 - o The identity used on the label (except as provided in provisions for trade secrets);
 - o Single-substance include its chemical and common name(s);
 - o Mixture, if tested as a whole, include the chemical and common name(s) of the ingredients which contribute to these known hazards, and the common name(s) of the mixture itself; or
 - o Mixture (not tested on a whole) -- include chemical and common name of all ingredients which have been determined to be health hazards, and which comprise 1% or greater of the composition, except that chemicals identified as carcinogens under standard shall be listed if the concentrations are 0.1% or greater; and, the chemical and common name(s) of all ingredients which have been determined to present a physical hazard when present in the mixture;
 - o Physical and chemical characteristics of the hazardous chemical (such as vapor pressure, flash point);
 - o The physical hazards of the hazardous chemical, including the potential for fire, explosion, and reactivity;
 - o The health hazards of the hazardous chemical, including signs and symptoms of exposure, and any medical conditions which are generally recognized as being aggravated by exposure to the chemical;
 - o The primary route(s) of entry;
 - o The OSHA permissible exposure limit, ACGIH Threshold Limit Value, and any other exposure limit used or recommended by the chemical manufacturer, importer, or employer preparing the material safety data sheet, where available;
 - o Whether listed as a carcinogen in NTP Annual Report on Carcinogens (latest edition) or identified as a potential carcinogen by IARC or OSHA.

- o Generally applicable precautions for safe handling and use, including appropriate hygienic practices, protective measures during repair and maintenance of contaminated equipment, and procedures for clean-up of spills and leaks.
- o Generally applicable control measures, e.g., engineering, work practice, personal protective equipment;
- o Emergency and first aid procedures;
- o Date of preparation or last change; and
- o Name, address, and telephone number of responsible party preparing or distributing MSDS.