

June 3, 2016

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Procedure for Chemical Substance Risk Assessment using NU RA check sheet

1. Find hazard information of the chemical substance to use
Verify the following information from the label and SDS of the chemical.
 - (A) Summary of the hazards (GHS classification)
 - First look at the GHS pictograms to recognize hazards roughly.
 - Confirm if the substance is classified or not as "skin corrosion/irritation", "serious eye damage/ irritation" or "corrosive to metals" based on GHS hazard summary. (If yes, check the applicable box in the check sheet.)
 - (B) Applicable Japanese laws and regulations
 - Confirm if the substance is classified or not as Hazardous materials on Fire Service Act, Organic solvent/Specified chemical substances on Occupational Safety & Health Act and/or Poisonous/Deleterious substance on Poisonous and Deleterious Substances Control Act. (If yes, check the applicable box in the check sheet.)
 - (C) Physical properties of the chemical substance
 - Find the boiling point and flash point of the chemical. (Describe in the check sheet)
2. Implementation of the risk assessment (use RA check sheet)
 - (A) Describe basic information (chemical substance to use, experiment summary, date and name).
 - (B) Describe the boiling point and flash point of the chemical.
 - (C) Review the "Category" and "Criteria" in the check sheet, and check the applicable classification cells.
 - (D) Confirm all of information on the checked rows (hazard information, etc.).
 - (E) Confirm the risk reduction measures on the checked rows
 - (F) Check the "Special attention" in the check sheet.
 - (G) Describe additional risk reduction measures in the cell of "additional safety measures" in the sheet.
3. Implementation of experiments using the chemical
 - Be sure to implement the risk reduction measures shown in the check sheet.
4. RA check sheet
 - Stick the RA check sheet on the experimental notebook.
 - Submit a copy of the RA check sheet to a supervisor of the experiment.
5. Recordkeeping of the RA check sheet
 - Keep the RA check sheet for three years.