

MSDS Activity for Chemicals

Title of Laboratory / Classroom

Date

Chemical Name	NFPA / Fisher Science Education Rating	HMIS® III Rating	Flinn Scientific, Inc. Rating	SAF-T-DATA™ (J.T. Baker) Rating	GHS Rating	Personal Protective Equipment (PPE)	Waste Disposal Method
	◆ Health	Health	Health	Health	Health		
	◆ Flammability	Flammability	Flammability	Flammability	Environmental		
	◆ Reactivity	Physical Hazard	Reactivity	Reactivity	Physical		
	◇ Special	PPE	Exposure	Contact	N/A		
	◆ Health	Health	Health	Health	Health		
	◆ Flammability	Flammability	Flammability	Flammability	Environmental		
	◆ Reactivity	Physical Hazard	Reactivity	Reactivity	Physical		
	◇ Special	PPE	Exposure	Contact	N/A		
	◆ Health	Health	Health	Health	Health		
	◆ Flammability	Flammability	Flammability	Flammability	Environmental		
	◆ Reactivity	Physical Hazard	Reactivity	Reactivity	Physical		
	◇ Special	PPE	Exposure	Contact	N/A		
	◆ Health	Health	Health	Health	Health		
	◆ Flammability	Flammability	Flammability	Flammability	Environmental		
	◆ Reactivity	Physical Hazard	Reactivity	Reactivity	Physical		
	◇ Special	PPE	Exposure	Contact	N/A		

Instructions:

- Fill out green cells with the chemical's hazard ratings for each rating system. HMIS® III, Flinn Scientific and SAF-T-DATA™ systems rate lowest (1) to highest (4). GHS rates lowest (4) to highest (1).
- Indicate appropriate PPE with letters A-K. See the Table "Personal Protective Equipment Icons and Codes" in the Chemical Management chapter of *Science Laboratory Safety Manual*, published by Science & Safety Consulting Services.
- Indicate appropriate waste disposal method.

HMIS® = Hazardous Materials Identification System (NPCA)

GHS = Globally Harmonized System of Classification and Labeling of Chemicals

Refer to the Chemical Management chapter of the *Science Laboratory Safety Manual* for additional information.

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Always check the Material Safety Data Sheet (MSDS).