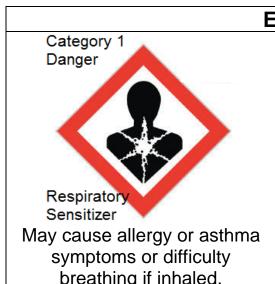
Chemical Safety Practices Recommendations Lugol's Solution (5% Iodine 10% Potassium Iodide Solution)







<u> </u>	 			
Response to Exposure				
Oral		Dermal	Inhalation	Injection
Rinse mouth; do not	V	Vash skin with soap	Leave area; go to clean	Report to OHS.
induce vomiting.	aı	nd water for 15	air.	
Report to OHS.	m	ninutes. Rinse eyes	Report to OHS.	
•	fo	or 15 minutes.	·	
	R	eport to OHS.		
Special Precautions	lodine vapor irritates eyes, throat, and lungs before you can smell it. (3)			
Personal Protective	Gloves (Latex or Nitrile)			
Equipment	Skin Protection (Suit or Scrubs or Lab Coat)			
	Eye Protection (Safety-glasses or Goggles)			
	Closed-toe shoes			
Engineering Controls	Manipulate stock solution in a chemical fume hood. Dilute solutions should not			
	present an inhalation hazard if used in a well-ventilated area.			
Animal Handling	Handle as nonhazardous.			
Bedding Disposal	Handle as nonhazardous.			
Work Practices	Follow LASP SOPs for preparation, handling, dosing, and disposal of Lugol's			
	solution	• •	, 3,	

References:

1. Nations U. GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS (GHS)

5th ed2013.

- 2. John Risher SK. Concise Internation Chemical Assessment Document 72. Geneva, Switzerland: World Health Organization, 2009 Contract No.: 72.
- 3. Ruth JH. Odor thresholds and irritation levels of several chemical substances: a review. American Industrial Hygiene Association journal. 1986;47(3):A142-51.

Questions or concerns: Please contact EHS, Ted Witte, theodore.witte@nih.gov or 301-846-5860 Reviewed 12/03/2014 These recommendations are not final and may be updated.