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## Technical Data Sheet

# STRONG IODINE SOLUTION, 5% USP

### 1. Chemical Product Identification

**GHS Product Identifier:** 115.14, Strong Iodine Solution, 5% USP

**Formula:** I<sub>2</sub> [5% (w/v)]    KI [10% (w/v)]

**CAS No.:** 7553-56-2 Iodine  
 7681-11-0 Potassium Iodide



**Formula Description:** Transparent liquid having a deep brown color and having the odor of iodine.

**Recommended Use:** A standardized solution for accurate volumetric analysis. Used as a disinfectant and anti-bacterial agent in solutions, tinctures and salves.

### 2. Chemical Product Specifications

Chemical Identity	Identification	Iodine	Potassium Iodide
Strong Iodine Solution, 5% USP	USP Standards	4.5 – 5.5% w/v	9.5 – 10.5% w/v
Conforms to current USP monograph.			

### 3. Standard Packaging

Net Weight	Packaging
40 lb.	5 gal UN1H1 HDPE Drum
506 lbs	55 gal UN1H1 HDPE Drum

#### **4. Transport Information**

<b>SHIPPING CRITERIA</b>	<b>US DOT</b>	<b>IATA and IMDG</b>
Proper Shipping Name	Non Regulated	Non Regulated
Hazard Class		
Identification Number		
Packing Group		
Shipping Label		
Additional Marking Requirement		

#### **5. Handling and Storage**

**Storage Conditions:** Store in a cool, dry, well-ventilated area away from incompatible substances. Keep containers tightly closed and away from sources of heat or ignition. It is recommended to use HDPE or glass containers, solution may be corrosive to carbon steel. Containers of this material may be hazardous when empty since they contain product residue.

SDS with detailed information available upon request.

#### **6. Regulatory Information**

The purchasing and exportation of List 1 Chemicals and Iodine Solutions requires the submission of documents for the verification to the validity of the sale and the intended end-use. The regulation can be found in 21 CFR, Food and Drugs, parts 1300-1313 under the jurisdiction of U.S. DOJ, Drug Enforcement Administration.