

**MATERIAL SAFETY DATA SHEET****SUPPLIER:**

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N.D.: NO DATA AVAILABLE N.A.: NOT APPLICABLE

**SECTION 1 – PRODUCT IDENTIFICATION**

<b>COMMERCIAL NAME:</b>	DODIVIDE SOLUTION 10% and DOVIDINE DETERGENT 7.5%
<b>CHEMICAL NAME:</b>	Povidone Iodine aqueous solution and detergent
<b>CHEMICAL FORMULA:</b>	PVP-Iode; (C <sub>6</sub> H <sub>9</sub> NO) <sub>n</sub> .xI <sub>2</sub>
<b>CHEMICAL FAMILY:</b>	Polyvinylpyrrolidone K30 & Iodine
<b>CODE:</b>	P095-410 (Solution); P095-400 (Detergent)
<b>PRODUCT USE:</b>	Skin cleansing & antibacterial disinfectant.
<b>WHMIS CLASSIFICATION:</b>	N.A. pharmaceutical are not regulated
<b>TDG CLASSIFICATION:</b>	N.A.

**SECTION 2 – INGREDIENTS****CONTROLLED INGREDIENTS (Over 1% (w/w)):**

POVIDONE-IODINE:	CAS: 25655-41-8	10% (Solution); 7.5% (Detergent)
LD <sub>50</sub> (RAT-ORAL)=5990 mg/Kg		

**SECTION 3 - PHYSICAL CHARACTERISTICS**

<b>PHYSICAL STATE, ODOR &amp; APPEARANCE:</b>	P095-410 (Dark brownish liquid) and P095-400 (Slightly viscous dark brown liquid) having a light Iodine odor.
<b>THRESHOLD ODOUR:</b>	N.D.
<b>BOILING POINT:</b>	88 - 92°C
<b>pH AT 25°C:</b>	1.5 – 6.5
<b>SPECIFIC GRAVITY AT 25°C. (water=1):</b>	1.04
<b>VAPOUR PRESSURE mmHg AT 20°C:</b>	N.D.
<b>VAPOUR DENSITY (air=1):</b>	N.D.
<b>WATER SOLUBILITY:</b>	Complete water solubility
<b>FREEZING POINT:</b>	N.D.
<b>EVAPORATION RATE:</b>	N.D.
<b>PARTITION COEFFICIENT (WATER/OIL):</b>	N.D. miscible with water.
<b>FLASH POINT:</b>	>100°C.
<b>AUTOIGNITION TEMPERATURE:</b>	N.A.

**SECTION 4 - REACTIVITY**

**STABILITY:** Chemically stable under normal conditions.

**CONDITIONS TO AVOID:** Avoid exposure to temperatures over 30C.

**INCOMPATIBILITE:** Incompatible with strong acids & alkalis and with oxidizing & reducing agents.

**HAZARDOUS DECOMPOSITION:** N.A.

**HAZARDOUS POLYMERISATION:** None.

**SECTION 5 - FIRE AND EXPLOSION HAZARD**

**FLAMMABILITY:** This material is not on flammable.

**SPECIAL FIRE HAZARDS:** N.A.

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon monoxide, carbon dioxide, toxic fumes or flammable vapours may be released from the combustion of the packaging material (Containers, Cartons and palettes).



**DOVIDINE SOLUTION & DETERGENT  
P095-410 & P095-400**

**FIRE FIGHTING MEDIA:** In case of combustion of the packaging material, use water, carbon dioxide and chemical powder media. For larger amounts (multiple packages / pallets) of product: self contained breathing apparatus and full protective equipments are recommended.

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**SECTION 6 - TOXICOLOGICAL PROPERTIES**

**EFFECTS OF ACUTE EXPOSURE:**

**EYES:** Contacts with the eyes and mucous membrane can cause irritation, redness and pain.

**SKIN:** In normal use, does not cause irritation. However, sensitive individuals may develop minor skin irritation.

**INHALATION:** N.A.

**INGESTION:** If ingested, undesirable effects are to be expected due to the presence of Iodine: It will irritate the gastro-intestinal track and may cause nausea, headache and alter vision.

**EFFECTS OF CHRONIC EXPOSURE:**

Prolonged and repeated exposure may occasionally causes skin inflammation and redness. Prolonged and repeated exposure by application on the skin may cause a chronic skin irritation and dry skin.

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**SECTION 7 - PREVENTATIVE MEASURES**

**AS NEEDED, APPLY THE APPROPRIATE MEASURES ACCORDING TO THE AMPLITUDE OF EXPOSURE.**

**SKIN:** N.A.

**EYES:** Avoid any contact with the eyes.

**RESPIRATORY TRACT:** N.A.

**OTHER PROTECTIVE EQUIPMENTS:** N.A.

**VENTILATION:** N.A.

**IN CASE OF SPILL OR LEAK:** Absorb spills with a neutral absorbing material. Rinse with water.

**WASTE DISPOSAL:** As dictated by the federal, provincial and municipal, rules.

**HANDLING PROCEDURES AND STORAGE REQUIREMENTS:** Keep bottle tightly closed and store at room temperature (15 – 30C).

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**SECTION 8 – FIRST AID MEASURES**

**EYES:** Flush eyes immediately with large volumes of water for 10 minutes. Consult a physician.

**SKIN:** In case of accidental contact with skin, wash with soap and rinse with water. If irritation appears, it will probably disappear if not, consult a physician.

**INHALATION:** N.A.

**INGESTION:** Give water. Do not induce vomiting. In case of non-induced vomiting, lean victim forward to prevent any risk of asphyxia. Never give any liquid to a unconscious person. Get medical attention.

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**SECTION 9 - OTHER INFORMATION**

**REVISED IN:** November 10, 2010

**REPLACE VERSION OF:** Jan 31, 2008

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