



**OC-Light<sup>®</sup> Personal Use Kit**

<b>Section 1 Identification</b>	
Product name	OC- Light <sup>®</sup> Personal Use Kit
Catalog number	FBPU, FBPU-BULK, FBPU with custom suffix
Recommended use	Collection and storage of patient samples for use in OC-Light testing
Manufactured for	Polymedco Cancer Diagnostic Products, LLC. 510 Furnace Dock Road Cortlandt Manor, NY 10567 <a href="http://www.polymedco.com">www.polymedco.com</a>
Emergency number	(800) 431-2123 or (914) 739-5400

<b>Section 2 Hazards Identification</b>	
Hazard classification	Does not present any particular physical, health, or environmental hazard at the concentrations present
Signal word	Not applicable
Pictogram	Not applicable
Hazard statements	Not applicable
Precautionary statements	Not applicable
Any hazards not otherwise classified	Not applicable

<b>Section 3 Composition and Information on Ingredients</b>		
Chemical characterization	Contains no chemicals at hazardous levels	
Chemical name	Sodium Azide	HEPES
Synonyms	Azium	4-(2-Hydroxyethyl)piperazine-1-ethanesulfonic acid
CAS number	26628-22-8	7365-45-9
Concentration	<0.1%	50 mM

<b>Section 4 First Aid Measures</b>	
IF IN EYES:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice / attention.
IF ON SKIN:	Wash with plenty of soap and water. If skin irritation occurs: Get medical advice / attention.
IF SWALLOWED:	Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor / physician if you feel unwell.
IF INHALED:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor / physician.



**OC-Light<sup>®</sup> Personal Use Kit**

<b>Section 5 Fire-Fighting Measures</b>	
Flash point	Not applicable
Flammable limits	Not applicable
Auto-ignition temperature	Not applicable
Extinguishing media	Use extinguishing media suitable for surrounding fire
Special fire and explosion hazards	No special hazards determined
Hazardous combustion products	No special hazards determined
Protective equipment for firefighters	Self-contained breathing apparatus is recommended for firefighters

<b>Section 6 Accident Release Measures</b>	
Personal precautions	Wear protective clothing, gloves, and eye protection.
Emergency procedures	No special emergency procedures necessary.
Containment procedures	Contain spill to prevent migration.
Cleanup procedures	Use suitable absorbent material to soak up spill.

<b>Section 7 Handling and Storage</b>	
Handling and storage	Avoid inhaling, swallowing, and contact with eyes and skin.
Recommended storage conditions	2 - 30°C
Incompatibilities	Not determined

<b>Section 8 Exposure Controls and Personal Protection</b>	
Exposure limits:	
OSHA	Not determined
ACGIH	Sodium azide: 0.29 mg/m <sup>3</sup>
Engineering controls	Normal room ventilation
Respiratory protection	Normal room ventilation
Eye protection	Safety glasses should be worn to prevent eye contact.
Skin protection	Appropriate gloves and clothing should be worn to prevent skin contact.



**OC-Light<sup>®</sup> Personal Use Kit**

<b>Section 9 Physical and Chemical Properties</b>	
Appearance	Clear colorless liquid
Odor	Odorless
Odor threshold	Not determined
pH	6.2 – 6.6
Melting point / Freezing point	Approximately 0°C
Initial boiling point and boiling range	Approximately 100°C
Flash point	Not applicable
Evaporation rate	Not determined
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	Not applicable
Vapor pressure	Not determined
Vapor density	Not determined
Relative density	Not determined
Solubility	Soluble in water
Partition coefficient	Not determined
Auto-ignition temperature	Not applicable
Decomposition temperature	Not determined
Viscosity	Not determined

<b>Section 10 Stability and Reactivity</b>	
Stability	Stable under normal ambient temperature and pressure.
Stabilizers needed	Not applicable
Safety issues with change in physical appearance	None identified
Hazardous reactions	Sodium azide may form explosive azides in contact with strong acids or metals over time.
Hazardous polymerization	Will not polymerize
Incompatibilities	Strong acids; metals
Hazard decomposition products	Not determined
Conditions to avoid	Avoid contact with strong acids. Do not dispose of product into drains.



**OC-Light® Personal Use Kit**

<b>Section 11 Toxicological Information</b>	
Information on likely routes and effects of exposure (short term / long term effects):	
Inhalation	Not determined
Ingestion	Harmful if swallowed
Skin contact	None identified
Eye contact	None identified
Toxicity (LD50/LC50)	Oral LD50 for sodium azide: Rabbit: 10 mg/kg, Rat: 27 mg/kg
Sensitization	Not available
Carcinogenicity	Not available
Reproductive Toxicity	Not available
Teratogenicity	Not available
Mutagenicity	Sodium Azide: Positive

<b>Section 12 Ecological Information</b>	
Ecotoxicity	Long term hazard to aquatic environment
Persistence / degradability	Not determined
Bioaccumulation potential	Not determined
Mobility in soil (Adsorption / leaching)	Not determined
Environmental fate	Not determined
Ozone layer depletion potential	Not determined
Photochemical ozone creation potential	Not determined
Endocrine disrupting potential	Not determined
Global warming potential	Not determined

<b>Section 13 Disposal Considerations</b>	
Disposal containers	Leak-proof container
Disposal methods	Dispose in compliance with federal, state and local regulations. If unsure of the applicable requirements, contact the authorities for information.
Properties that may affect disposal	Not applicable
Sewage disposal	Do not dispose of product into drains or sewers
Precautions for landfills or incineration	Not applicable

<b>Section 14 Transport Information</b>	
UN Number	Not regulated
UN proper shipping name	Not regulated
Transport hazard class	Not regulated
Packing group	Not regulated
Environmental hazards	None identified
Guidance on transport in bulk	No special requirements
Special precautions on transport	None identified



**OC-Light® Personal Use Kit**

<b>Section 15 Regulatory Information</b>	
OSHA	This product does not meet the definition of a hazardous material under 29 CFR 1910.2000
TSCA	Listed
SARA	
302	Not applicable
311/312	No hazards
313	Below threshold reporting levels
CA Prop 65	Not listed
Canada DSL/NDSL	Sodium azide: Listed on DSL
WHMIS Class	Sodium azide: Not controlled below 1%
The above information is not intended to be a comprehensive listing of regulations pertinent to the product, and the regulations listed are subject to change. The user is responsible for observing all applicable local, state, and national/federal regulations in handling of the product.	

<b>Section 16 Other Information</b>			
NFPA Ratings:		HMIS Ratings:	
Health	0	Health	0
Flammability	0	Flammability	0
Reactivity	0	Reactivity	0
Physical Hazards		Protective Equipment	B
Date of preparation	23September 2014		
Last revision date	26 February 2015		
The information in this SDS is believed to be accurate and complete at the time of revision. No warranty, express or implied, is made, and Polymedco assumes no legal responsibility or liability from its use. The user of our products is responsible for observing any applicable laws and guidelines.			