

**OC-Auto[®] Buffer Solution**

Section 1 Identification	
Product name	OC-Auto [®] Buffer Solution
Catalog number	OC80B, OCDB
Recommended use	Buffer solution for use in OC-Auto testing
Manufactured for	Polymedco Cancer Diagnostic Products, LLC. 510 Furnace Dock Road Cortlandt Manor, NY 10567 www.polymedco.com
Emergency number	(800) 431-2123 or (914) 739-5400

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

Section 3 Composition and Information on Ingredients	
Chemical characterization	Contains no hazardous ingredients
Chemical name	HEPES
Synonyms	4-(2-Hydroxyethyl)piperazine-1-ethanesulfonic acid
CAS number	7365-45-9
Concentration	50 mM

Section 4 First Aid Measures	
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 help.
IF ON SKIN:	Wash with plenty of soap and water. If skin irritation occurs: Get medical help.
IF SWALLOWED:	Rinse mouth. Do NOT induce vomiting. Get medical help if you feel unwell.
IF INHALED:	If breathing is difficult, remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Get medical help.

Section 5 Fire-Fighting Measures	
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

Section 6 Accident Release Measures	
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.

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Section 7 Handling and Storage	
Handling and storage	Avoid inhaling, swallowing, and contact with eyes and skin.
Recommended storage conditions	2 - 8°C
Incompatibilities	Not determined

Section 8 Exposure Controls and Personal Protection	
Exposure limits:	
OSHA	Not determined
ACGIH	Not determined
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.

Section 9 Physical and Chemical Properties	
Appearance	Clear colorless liquid
Odor	Odorless
Odor threshold	Not determined
pH	7.0 – 7.8
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

Section 10 Stability and Reactivity	
Stability	Stable under normal ambient temperature and pressure.
Stabilizers needed	Not applicable
Safety issues with change in physical appearance	Not determined
Hazardous reactions	Not determined
Hazardous polymerization	Will not polymerize
Incompatibilities	Not determined
Hazard decomposition products	Not determined
Conditions to avoid	Not determined

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Section 11 Toxicological Information	
Information on likely routes and effects of exposure (short term / long term effects):	
Inhalation	None identified
Ingestion	None identified
Skin contact	None identified
Eye contact	None identified
Toxicity (LD50/LC50)	Not available
Sensitization	Not available
Carcinogenicity	Not available
Reproductive Toxicity	Not available
Teratogenicity	Not available
Mutagenicity	Not available

Section 12 Ecological Information	
Ecotoxicity	Not determined
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

Section 13 Disposal Considerations	
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

Section 14 Transport Information	
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

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Section 15 Regulatory Information	
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	Not listed
WHMIS Class	Not applicable
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.	

Section 16 Other Information			
NFPA Ratings:		HMIS Ratings:	
Health	0	Health	0
Flammability	0	Flammability	0
Reactivity	0	Reactivity	0
Physical Hazards		Protective Equipment	B
Date of preparation	22 September 2014		
Last revision date	27 May 2021		
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