

DEHP Free - Neonatal Syringe Set with 150 Micron Filter

A safe, cost-effective system for preparing and administering pre-filled syringe aliquots of whole blood, red blood cells, platelets and fresh-frozen plasma.



What is DEHP?

Di (2-ethylhexyl) phthalate is a chemical that makes PVC more flexible.¹⁻³ Technical Information and References Attached.

- Needleless system eliminates needlestick injury, meets OSHA requirements and complies with national needleless laws ⁴
- Provides 150µ final filtration in accordance with AABB blood administration requirements ⁵
- Syringe blood aliquots (RBC's, plasma) must be administered to patient within 24 hours and syringe platelet aliquots within 4 hours ⁶

When used with sterile connection technology:

- Provides closed blood delivery system
- Maintains primary unit expiration date
- Maximizes usage of adult size blood units
- Limits neonatal donor exposure
- Reduces aliquot preparation costs

CATALOG #	DESCRIPTION	QTY
03-960-00F	DEHP-Free Blood Administration set with 150 micron filter and 30 cc BD™ syringe	24
03-960-10F	DEHP-Free Blood Administration set with 150 micron filter and 60 cc BD™ syringe	24
03-960-33F	DEHP-Free Blood Administration set with 150 micron filter and syringe adapter	48

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Distributed by:

CharterMedical

Your Neonatal Transfusion Expert

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Are Your Infants at Risk from DEHP Exposure?

The National Toxicology Program (NTP) Expert Panel has expressed serious concern about exposure of critically ill infants to DEHP, a plasticizer commonly used to make PVC tubing, containers and other medical devices required in the NICU.¹

How are Infants Exposed to DEHP?

DEHP can leach from plastic medical devices into solutions that come in contact with the plastic. The amount of DEHP that leaches depends on many factors such as temperature and duration of contact with the plastic. Neonates on ECMO, receiving exchange transfusion or those undergoing multiple medical procedures are considered at highest risk for DEHP exposure.¹⁻³

Why is DEHP a Cause for Concern?

DEHP Exposure is known to cause adverse effects on the development of the male reproductive systems of laboratory animals.¹⁻³

How can DEHP Exposure be Avoided?

FDA advises clinicians to use DEHP-Free products where available.³

For more information about Charter Medical's DEHP-Free products and initiatives, please contact our Customer Care Team at 1.866.458.3116



**Charter Medical's
widely used neonatal
syringe set is now
DEHP-Free!**

References:

1. National Toxicology Program (NTP) Monograph: NTP-CERHR Monograph on the Potential Human Reproductive and Developmental Effects of Di(2-Ethylhexyl) Phthalate (DEHP). National Toxicology Program, U.S. Department of Health and Human Services, Center for the Evaluation of Risks to Human Reproduction, November, 2006. <http://cerhr.niehs.nih.gov/chemicals/dehp/DEHP-Monograph.pdf>.
2. Food and Drug Administration (FDA) Safety Assessment: Safety Assessment of Di(2-ethylhexyl) phthalate (DEHP) Released from PVC Medical Devices. Center for Devices and Radiological Health, September 2001. www.fda.gov/cdrh/ost/dehp-pvc.pdf.
3. Food and Drug Administration (FDA) Public Health notification: PVC Devices Containing the Plasticizer DEHP. Center for Devices and Radiological Health, July 2002. www.fda.gov/cdrh/safety/dehp.html.
4. The Federal Needlestick Safety and Prevention Act (H.R. 5178) mandates needle stick safety practices nationwide. A copy of the document is available from Charter Medical, Ltd. Customer Care.
5. Sazama K, ed. Accreditation Requirements Manual of the AABB. 6th ed. Bethesda, MD: AABB, 1995.
6. Silva M, ed. Standards for blood banks and transfusion services. 24th ed. Bethesda, MD: AABB, 2006.

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