

Technical & Safety Data Sheet

Sodium Citrate 4% / Ethanol 30%

PRODUCT INFORMATION	
Product Name:	Sodium Citrate 4% / Ethanol 30%
Product Code(s):	3844, 38443, 38443-1, 38453, 38455
Brand Name(s):	CitraFlow Plus™ (brand name may vary by region)
Application:	Lock solution for vascular access devices. Sterile. Single use.
Manufacturer:	MedXL Inc., 285 Av Labrosse, Pointe-Claire, QC, H9R 1A3, Canada Telephone: +1.514.695.7474, Fax: +1.514.695.1511
COMPOSITION & INGREDIENT INFORMATION	
Solution: Anticoagulant Sodium Citrate and Antimicrobial Ethanol Solution	
Ingredients:	Trisodium citrate dihydrate (Na ₃ C ₆ H ₅ O ₇ ·2H ₂ O), CAS-No 6132-04-3 (or 68-04-2) Citric acid (C ₆ H ₈ O ₇), CAS-No 77-92-9 Water for injection (WFI) Ethanol (CH ₃ -CH ₂ -OH), CAS-No 64-17-5
Composition:	40 mg/mL trisodium citrate and 0.3mL/mL ethanol in water, pH adjusted with citric acid (pH 6.4 to 7.5)
Incompatible with:	Strong oxidizers
Syringe:	
Volume	5mL (5cc); 10mL (10cc)
Nozzle type	Male Luer Lock fitting
Material(s)	Barrel: Polypropylene (PP) Plunger: Polypropylene (PP) Gasket: Bromobutyl Rubber + silicone lubricant
Label Material(s)	Polypropylene (PP)
Label Graduations	0 to 5mL (5cc) at 0.1mL increments; 0 to 10mL (10cc) at 0.2mL increments
Compliance Standard(s)	ISO 7886-1
Syringe Cap:	
Type	Female Luer Lock, non-vented
Material(s)	Acrylonitrile Butadiene Styrene (ABS)
Compliance Standard(s)	ISO 594-2 or equivalent
HAZARDS IDENTIFICATION	
Eye Contact:	May cause irritation
Skin Contact:	May cause irritation
Inhalation:	None
Ingestion:	None
FIRST AID MEASURES	
Eye Contact:	Wash eyes with water
Skin Contact:	Wash skin with water and soap.
Inhalation:	N/A
Ingestion:	N/A
FIRE FIGHTING MEASURES	
The product or its components are not fire or explosion hazards when used as intended.	
ACCIDENTAL RELEASE MEASURES	
Personal precautions during spill:	N/A
Precautions to protect environment:	N/A
Spill cleanup methods:	Clean with water and soap



HANDLING & STORAGE	
Usage precautions	N/A
Storage precautions	Store between 15°C and 30°C in original syringe, protect from direct sunlight
EXPOSURE CONTROLS / PERSONAL PROTECTION	
Does not require any specific protection.	
PHYSICAL AND CHEMICAL PROPERTIES	
Physical State	Liquid
Appearance:	Colourless/Clear
Odour/Taste:	Neutral/Metal/Alcohol
Solubility:	Soluble in water
Boiling Point:	N/A
Melting Point:	N/A
pH Value:	6.4 -7.5
STABILITY & REACTIVITY	
Stability:	Stable under normal conditions of use and storage
Incompatible Materials:	Strong oxidizers
Hazardous Reaction:	None under normal use
Hazardous Decomposition Products:	None under normal use
TOXOLOGICAL INFORMATION	
Non toxic	
ECOLOGICAL INFORMATION	
Not regarded as dangerous for the environment. Solution components are bio-degradable, and soluble. No bioaccumulation.	
DISPOSAL CONSIDERATIONS	
Consult local, regional, and national hazardous waste regulations to ensure complete and accurate classification.	
TRANSPORT INFORMATION	
Special Shipping Information:	N/A
REGULATORY INFORMATION	
Risk phrases	R36 Irritating to eyes
Safety phrases	S2 Keep away from the reach of children S25 Avoid contact with eyes
OTHER INFORMATION	
The information provided is believed to be accurate and represents the best data currently available. The information given is designed only as guide and is not to be considered as a warranty or quality specification.	
When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics may present hazards addressed herein and must be evaluated by the user.	

Prepared by:	Lee-Anne Hosein	Title:	Products Manager
Signature & Date:	01-02-17		
Revised by:	Premala Premanathan	Title:	Regulatory Affairs Associate
Signature & Date:	01-02-17		
Approved by:	Omar Boulanouar	Title:	Quality Operations Supervisor
Signature & Date:	01-02-17		