

HIGH DESERT BIOSCIENCE

MSDS – Product # REA-1010
20X SSC Dry Pack Buffer
01/03/2019

PRODUCT IDENTIFICATION	PRODUCT: Sodium citrate/sodium chloride buffer. (Dry Pack makes 1 liter of 20X solution.) PRODUCT # REA-1010 MANUFACTURER: High Desert Bioscience. 520-456-9095.		
PRODUCT COMPOSITION	CAS #	CHEMICAL NAME	CONCENTRATION of 20X SOLUTION
	7647-14-5	Sodium chloride	150 mM
	68-04-2	Sodium citrate	15 mM
PHYSICAL DATA	White powder, no odor. Specific gravity : 2.16 g/cc pH @ 25°C: 8.3 +/- 0.1		
HAZARD DATA AND FIRST AID MEASURES	IRRITANT EYE: irritant, in case of contact rinse thoroughly with water and consult physician. SKIN: irritant, in case of contact wash thoroughly with soap & water, do not handle material with bare hands INGESTION: irritant, causes nausea. Seek medical aid immediately. INHALATION: irritant, avoid breathing fumes.		
FIRE HAZARD DATA	Non-flammable, wear MSHA/NIOSH approved self-contained breathing apparatus. Flashpoint: N/A NFPA RATING: Not published. Hazardous decomposition products: N/A		
ACCIDENTAL RELEASE	Wear chemical safety goggles and gloves, collect material for disposal with absorbant material. May be disposed of by incineration in an approved device.		
EXPOSURE CONTROL	Chemical safety goggles as per 29 CFR 1910.133 Chemical resistant gloves Avoid contact with eyes, skin and clothing Wash thoroughly after exposure Use respiration protection devices that meet OSHA CFR 1910.134 and ANSI Z88.2 specifications.		
REACTIVITY	Stable at room temperature under normal conditions.		
TOXICOLOGY	RTECS: TY2900000/AH4025000 LD50/LC50: UNLISTED. CARCINOGENICITY: Not listed by ACGIH, IARC, NIOSH. NTP or OSHA. No other data available		
ENVIRONMENTAL CONCERNS	Dispose of in a manner consistent with federal, state and local regulations. RCRA: No information available. Not listed as a RCRA land disposal banned material.		
HANDLING & STORAGE	Store at room temperature in a UV light resistant container. Avoid eye and skin contact. Wear protective eye-wear, gloves and clothing. Follow directions for use.		
TRANSPORT INFORMATION	No specific USDOT, IMO, IATA, RID/ADR or TDG information available. Constituent materials not listed at the concentrations occurring in these products.:		
REGULATIONS	Federal: TCSA: ingredients listed, no ingredients have a SNUR under TCSA. SARA: None of the ingredients have a RQ, None of the ingredients have a TPQ, None of the ingredients are listed under Section 313. CAA: This material does not contain any hazardous air pollutants or Class 1 or Class 2 ozone depleters. OSHA: None of the ingredients in this product are considered highly hazardous by OSHA at this product concentration. State RTK listings: none. European: No hazards symbols. Risk: not available.		
OTHER INFORMATION	The above information is believed correct as of the above date, but does not purport to be all inclusive and shall be used only as a guide. High Desert Bioscience Inc. shall not be held liable for any damage resulting from handling or from contact with the above product.		