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MATERIAL SAFETY DATA SHEET

SSC Dry Pack

PRODUCT IDENTIFICATION

PRODUCT: Sodium citrate/sodium chloride buffer. (Dry Pack makes 1 liter of 20X solution.)
PRODUCT # 20-135

PRODUCT COMPOSITION

CAS #	CHEMICAL NAME	CONCENTRATION of 10X 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. Contact Genesee Scientific Corp. for additional transportation information:

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.

Status: Accepted

Reviewed By: Brady Chung

Review Date: 7/23/2009

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