MATERIAL SAFETY DATA SHEET

I. PRODUCT IDENTIFICATION

PRODUCT NAME: Sodium Thiosulfate Standard Solution, Stabilized, 0.0199 N
CAS NO.: NA
CHEMICAL NAME: Not applicable
CHEMICAL FAMILY: Not applicable

II. INGREDIENTS

Preylene Glycol
PCT: 20 TO 50 CAS NO.: 57-55-6 SARA: NOT LISTED
TLV: Not established PEL: Not established
HAZARD: May cause irritation

Sodium Sulfate
PCT: 1 TO 5 CAS NO.: 7757-82-6 SARA: NOT LISTED
TLV: Not established PEL: Not established
HAZARD: May cause irritation

Sodium Thiosulfate
PCT: <1 CAS NO.: 7772-98-7 SARA: NOT LISTED
TLV: Not established PEL: Not established
HAZARD: May cause irritation

Other components, each
PCT: <1 CAS NO.: NA SARA: NOT LISTED
TLV: Not applicable PEL: Not applicable
HAZARD: None

Demineralized Water
PCT: to 100 CAS NO.: 7752-18-5 SARA: NOT LISTED
TLV: Not applicable PEL: Not applicable
HAZARD: None

Any component of this mixture not specifically listed (eg. "other components") is not considered to present a carcinogenic hazard.

III. PHYSICAL DATA

STATE: Liquid APPEARANCE: Clear, colorless ODOR: Sweet
SOLUBILITY IN: WATER: Soluble ACID: Soluble OTHER: Not determined
BOILING POINT: 99°C MELTING PT.: freeze -5°C SPEC GRAVITY: 1.95
pH: 9.7 VAPOR PRESSURE: Not determined VAPOR DENSITY (air=1): ND
EVAPORATION RATE: 9.98 METAL CORROSION - ALUMINUM: 0.085 in/yr
STEEL: 0.236 in/yr STABILITY: Stable
STORAGE PRECAUTIONS: Store in a cool, dry place away from oxidizers.

IV. FIRE, EXPLOSION HAZARD AND REACTIVITY DATA

FLASH PT.: >212°F METHOD: open cup
FLAMMABILITY LIMITS - LOWER: ND UPPER: ND
SUSCEPTIBILITY TO SPONTANEOUS HEATING: None
SHOCK SENSITIVITY: None AUTOIGNITION PT.: ND
EXTINGUISHING MEDIA: Water; dry chemical; foam; carbon dioxide
FIRE/EXPLOSION HAZARDS: None
HAZARDOUS DECOMP. PRODUCTS: May emit toxic fumes of carbon oxides and sodium oxides in fire
OXIDIZER: No NFPA Codes: Health 1 Flammability 0 Reactivity: 0
CONDITIONS TO AVOID: Excessive heat; contact with oxidizers

V. HEALTH HAZARD DATA

THIS PRODUCT MAY BE: irritating to eyes and skin.
ACUTE TOXICITY: Not determined ROUTES OF EXPOSURE: Not determined
TARGET ORGANS: Not determined
CHRONIC TOXICITY: Not determined ROUTES OF EXPOSURE: Not determined
TARGET ORGANS: Not determined
CANCER INFORMATION: Not applicable ROUTES OF EXPOSURE: Not applicable
TARGET ORGANS: Not applicable
OVEREXPOSURE: May cause eye and skin irritation
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None reported

VI. PRECAUTIONARY MEASURES

Avoid contact with eyes, skin and clothing Do not breathe mist or vapor.
Wash thoroughly after handling.
PROTECTIVE EQUIPMENT: Adequate ventilation, lab grade goggles, disposable latex gloves

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