MATERIAL SAFETY DATA SHEET

I. Identification
Product name: SASS 3010 Particle Extractor Kit
CAS Number: N/A
Catalog number: 7000-162-134-02

II. Composition, Information on Ingredients
Reagents: In accordance with 29 CFR 1910.1200(d), kit reagents are not considered to be hazardous. They are mixtures that contain less than 1% hazardous chemicals and less than 0.1% carcinogenic chemicals.

138 mM sodium chloride (CAS# 7647-14-5) 10 mM sodium phosphate (CAS# 13472-36-1): 2.7 mM potassium chloride (CAS# 7447-40-7): 0.05% Triton X-100 (CAS# 9002-93-1): <0.1% sodium azide (CAS# 26628-22-8) in water.

III. Health Hazard Data
Emergency Overview: No specific hazard.
HMIS Rating: Health: 0 Flammability: 0 Reactivity: 0
NFPA Rating: Health: 0 Flammability: 0 Reactivity: 0

Routes of Entry: Avoid ingestion and inhalation. Avoid contact with skin, eyes.
Threshold Limit Value (TLV) and Source: Data not available. To the best of our knowledge, the chemical, physical, and toxicological properties of the components of this kit have not been thoroughly investigated.

Potential Acute Health Effects: May cause skin, eye, or lung irritation. To the best of our knowledge, the chemical, physical, and toxicological properties of the components of this kit have not been thoroughly investigated. Allergy-prone individuals should be particularly cautious with proteins or other materials of biologic origin.

Carcinogenic Effects Data: Not available.
Chronic Effects of Overexposure: Not available.
Vapor pressure (mm Hg): N/A
Solubility in water: Liquids readily miscible in water.

IV. Emergency and First Aid Procedures
Swallowing: If any component of this kit is swallowed, wash mouth out with water, provided person is conscious. Get medical attention.

Skin: If any component of this contacts the skin, immediately wash skin with soap and copious amounts of water.
Inhalation: If any component of this kit is inhaled, remove to fresh air. If not breathing, perform CPR and get immediate medical attention.

Eyes: If any component of this contacts the eyes, flush the eyes with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating eyelids with fingers. Consult a physician.

V. Fire and Explosion Hazard Data
Flammability: May be combustible at high temperature.
Flash points: Not available.
Extinguishing media: Use dry chemical.
Special fire fighting procedures: Wear NIOSH/MSHA approved self-contained breathing apparatus and protective clothing.
Unusual fire and explosion hazards: None known.

VI. Physical Data
Physical State and Appearance: clear solutions
Boiling point: not available
Vapor pressure: not available
Vapor density: not available
Specific gravity: not available
Melting Point: not available
Evaporation Rate: not available
Solubility in water: solutions are dilutable

VII Stability/Reactivity
Stability and Reactivity: The product is stable.
Conditions to avoid: not available.
Materials to avoid: not available.
Hazardous Decomposition products: not available.

VIII. Toxicology Information
Toxicity to Animals: LD50: not available, LC50: Not available.
Chronic Effects on Humans: Not available.
Other Toxic Effects on Humans: May cause slight irritation in case of eye contact or inhalation.

IX. Spill and Leak Procedures
Waste Disposal Method: Waste must be disposed of in accordance with federal, state and local environmental control.

X. Transportation Information
US DOT
Shipping Name: Not regulated
Hazard Class:
UN Number:
Packing Group

The above information is correct to the best of our knowledge. Users should make independent decisions regarding completeness of the information based on all sources available. Research International, Inc. shall not be held liable for any damage resulting from handling or contact with the above product.