

EMERGENCY # FOR NATIONAL RESPONSE CENTER (800) 424-8802

CHEMICAL IDENTIFICATION

Product Name: Ph-F, Cholinesterase Reagent

Catalog #: 5119 and 6156
Synonyms: Physostigmine analog / eseroline / eserine / Ph-F stock / Ph-F solution
CAS # of Active Reagent: None designated.
Chemical Name of Active Reagent: Eserine-C6-fluorescein Conjugate (5-(5-pentylcarbamoyl-eseroline)thioureidyl fluorescein)
Molecular Weight of Active Reagent: 735.85
Chemical Formula of Active Reagent: C₄₀H₄₁N₅O₇S

HAZARDS IDENTIFICATION

Not known.

CHARACTERISTICS

Ph-F Reagent is a brownish orange powder.

Boiling point °C: No data available.
Vapor pressure (mm Hg): No data available.
Vapor density: No data available.
Solubility in water: Very low.
Specific gravity: Not applicable.
% Volatile by volume: Not applicable.
Evaporation rate: No data available.
pH: Not applicable to a powder.

STORAGE AND STABILITY

Ph-F Reagent is stable for 36 months when stored at 2°C - 8°C and protected from light. When reconstituted to 255X, store Ph-F stock at or below -20°C for 6 months protected from light. When diluted to 51X, use Ph-F immediately. Ph-F reagent is light sensitive. It will not decompose in a hazardous manner. Hazardous polymerization will not occur.

HEALTH HAZARD

May enter the body through inhalation, ingestion, and skin and eye contact.

SAFETY CONTROL MEASURES

Gloves and standard laboratory protective clothing and eyewear are recommended. Safe laboratory practices should be followed.

EXPOSURE GUIDELINES

No exposure guidelines are available.

FIRST AID MEASURES

Avoid prolonged exposure. Remove contaminated clothing and shoes, and wash before reuse.

Skin: Wash thoroughly with soap and water for at least 15 minutes. Launder contaminated clothing and shoes.
Eyes: Immediately flush with water for 15 minutes.
Ingestion: If conscious, give large amounts of water, seek medical advice.
Inhalation: Remove to fresh air. If not breathing, administer CPR. If breathing is difficult, give oxygen, seek medical advice.

FIRE/EXPLOSION HAZARD

Ph-F Reagent is not a fire hazard nor an explosion hazard. Use any means suitable for extinguishing surrounding fire. It is not necessary to use any special firefighting procedures. Water spray, carbon dioxide, dry chemical powder or appropriate foam can all be used.

ACCIDENTAL RELEASE MEASURES

For release of large amounts of material, wear safety glasses and rubber gloves. Stop source of leak and isolate spill area. Collect material in an appropriate container and dispose with regular trash. Wash exposed surfaces with acetone or alcohol and rinse with copious amounts of soap and water. Dispose of all waste in accordance with all national, state, and local regulations.