

function — *of beauty*

Safe Use of Peracetic Acid for Terminal Decontamination Program FOB-EHS-033

Function of Beauty

Function Inc.

5570 Snyderstown Rd.

Paxinos, PA 17824

**Safe Use of Peracetic Acid for Terminal
Decontamination Program**

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1. Purpose

1.1. This program outlines the requirements necessary to mitigate direct and incidental risks associated with the use of Peracetic Acid for terminal decontamination at all levels.

1.1.1. Peracetic Acid in use at Function facilities is used primarily under the product name *Perasan A* however this program applies to the use of any form or dilution percentage of peracetic acid.

1.1.1.1. The associated SDS for this product can be found on the EHS SDS Database (<https://cmn.m3v.net/>).

1.1.1.1.1. Kiosk access is available at all Function facilities for employee access without a passcode.

2. Scope

2.1. The requirements of this program apply to all employees, guests, visitors, vendors, contractors, and others in their entirety whenever peracetic acid is in use.

3. Definitions

3.1. Peracetic acid (also known as peroxyacetic acid, or PAA)

3.1.1. An organic compound with the formula $\text{CH}_3\text{CO}_3\text{H}$.



3.1.2. This peracetic acid is a colorless liquid with a characteristic acid odor reminiscent of acetic acid and can be highly corrosive.

3.2. Hierarchy of Controls

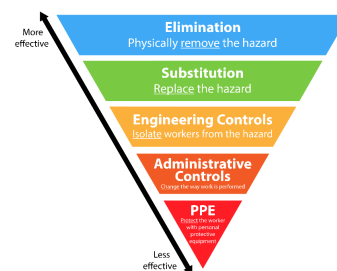
3.2.1. Elimination - Physically Remove the Hazard

3.2.2. Substitution - Replace the Hazard

3.2.3. Engineering - Isolate Workers from the Hazard

3.2.4. Administrative - Change the Way the Work is Performed

3.2.5. Personal Protective Equipment (PPE) - Protect the Worker from the Hazard



3.3.

4. General Requirements

4.1. The use of peracetic acid in all concentrations and procedures must be evaluated at least once per calendar year with the goal of discontinuing use wherever reusable based on contamination data.

5. Responsibilities

5.1. Leadership

5.1.1. Responsible for ensuring that all Managers and Supervisors understand the contents of and adhere to the requirements of this program.

5.2. Managers and Supervisors

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- 5.2.1. Responsible for ensuring that all employees understand the contents of and adhere to the requirements of this program.
- 5.3. EHS Department
 - 5.3.1. Is responsible for the contents of this program and periodic review of its contents.
 - 5.3.2. Auditing the application of the contents of this program regularly.
- 5.4. Quality Department
 - 5.4.1. Collecting and maintaining contamination data for the purposes of demonstrating the efficacy of the need to use of peracetic acid over other less hazardous alternatives.
- 5.5. Function Inc. Employees, Contractors, Visitors, Vendors, and Others
 - 5.5.1. Full compliance with the requirements of this program.
- 6. Requirements for Handling**
 - 6.1. The following PPE is required at all times when handling peracetic acid at any dilution percentage:
 - 6.1.1. Head
 - 6.1.1.1. Full Face Shield and ANSI Z87.1 safety glasses
 - 6.1.2. Torso / Arm
 - 6.1.2.1. Chemically resistant jacket that provides neck protection and full arm protection that provides overlapping protection with hand protection.
 - 6.1.2.2. Chemically resistant apron.
 - 6.1.3. Hand
 - 6.1.3.1. Chemically resistant gloves that provide overlapping coverage with selected torso / arm protection.
 - 6.1.4. Leg
 - 6.1.4.1. Chemically resistant pants that provide overlapping protection with foot protection.
 - 6.1.5. Foot
 - 6.1.5.1. Safety toed and slip resistant chemically resistant boots or boot coverings that provide overlapping protection with leg protection.
 - 6.1.6. Respiratory
 - 6.1.6.1. Half face, tight fitting respirator with P100/Organic Vapor filter.
 - 6.1.6.1.1. Full compliance with FOB-EHS-014 - Respiratory Protection is mandatory.
- 7. Safe Use Requirements**
 - 7.1. Bulk storage

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- 7.1.1. Bulk storage of peracetic acid will be maintained in a secure, segregated portion of any facility that ensures that unauthorized personnel cannot access the material.
- 7.1.2. Dispensing of peracetic acid for immediate use
 - 7.1.2.1. Dispensing will take place only within the segregated storage location by authorized personnel into approved and properly labeled immediate use containers.
 - 7.1.2.2. Dispensing amount will be only that which is required for the specific process to be immediately performed.
 - 7.1.2.2.1. Dispensed quantities will be immediately used and not be stored in anticipation of future use.
- 7.1.3. Use of peracetic acid for terminal decontamination.
 - 7.1.3.1. A minimum of 10 feet (3.0m) will be maintained at all times during the introduction of peracetic acid into any system by all personnel not directly involved in clean in place (CIP) procedures and those who are not authorized to handle peracetic acid.
 - 7.1.3.2. A minimum clearance of 10 feet (3.0m) will be maintained at all times for the duration of CIP procedures while peracetic acid is in use.
 - 7.1.3.3. All PPE prescribed in section 6 of this program will be worn for the duration of all CIP procedures while peracetic acid is in use.
- 8. Spill, Leak, Unintentional Discharge, and Human Exposure**
 - 8.1. EHS-022 Spill Prevention Countermeasure & Control will be followed at all times during the use of peracetic acid.
 - 8.2. Any quantity of peracetic acid spilled and all human exposure incidents will be reported to the EHS department utilizing the Supervisor's Incident Packet within 2 hours of the event.
- 9. Training**
 - 9.1. Employees authorized to handle or use peracetic acids must complete the following training topics:
 - 9.1.1. Hazard Communication
 - 9.1.2. Personal Protective Equipment
 - 9.1.3. Respirator Protection
 - 9.1.3.1. Use of Tight Fitting Respirators and Fit Testing
 - 9.1.4. FOB Safe Chemical Handling Certification
 - 9.1.5. Training on specific CIP procedures requiring the use of peracetic acid.
 - 9.2. Training will occur:

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- 9.2.1. Before an employee is assigned tasks related to the use of peracetic acid.
- 9.2.2. At least annually (from the date of the employee's last completion).
- 9.2.3. Whenever there is an update to the listed training topics.
- 9.2.4. If there is a change to this program.

10. Vendors

- 10.1. Approved vendors of peracetic acid will be required to follow their organization's policies and procedures when delivering bulk stock only under conditions that they do not interfere with the requirements of this program, related programs, any applicable local, state, or federal laws.

11. Document Review and Approval

- 11.1. **Date Devised:** 07-2023
- 11.2. **Reviewed Date:** 07-2023
- 11.3. **Date Approved:** 07-2023
- 11.4. **Approved By:** Ed Nolter, Director EHS / L&D