

Title: Handling 50%, 25% & 20% Huwa-San® Peroxide (HSP)		Originator: Tracy Lalonde
Doc No: SOP-CHEM-001		Approval: Robert Tyssen
Rev: A		Effective Date: 2017-05-17

1. Purpose

1.1. The purpose of this document is to outline the standard procedures for safe handling of HSP (50%, 25% and 20% concentration).

2. Scope

2.1. The scope of this instruction is to outline safe handling procedures of HSP (50%, 25% and 20% concentration). This procedure applies to all persons who handle HSP.

3. Requirements

- 3.1. Associated SDS
- 3.2. Appropriate PPE

4. Definitions

- HSP: Huwa-San® Peroxide
- SDS: Safety Data Sheet
- Oxidizer: Chemical that causes oxidation
- PPE: Personal Protective Equipment
- Tote: Closed/sealed container used to transport liquids

5. Safety Guidelines

5.1. SDS

5.1.1. Always consult the product SDS before handling HSP.

5.2. PPE

5.2.1. Always wear the recommended personal protective equipment that is specified in the SDS.

5.3. Safety Procedures

5.3.1. Before performing this procedure, operator must be familiar with the location and operation of all safety showers, eyewash stations and other safety facilities.

5.3.2. Always ensure that all safety showers, eyewash stations and other safety facilities are inspected regularly and are in good working condition before performing this procedure.

5.3.3. Always wear protective eye wear and rubber gloves when handling concentrated HSP. If HSP comes into contact with skin, rinse immediately with copious amounts of water. If HSP comes into contact with eyes or mouth, rinse immediately with copious amounts of water and seek medical attention.

5.3.4. In the case of a spill, contain the spill and dilute HSP by adding large amounts of water. Wear rubber gloves and protective eyewear during disposal. Dispose in accordance with local regulations.

5.3.5. Store HSP away from other oxidizing agents, or other materials that are easily oxidized.

5.3.6. Store HSP in a secure location out of the reach of children.

5.3.7. Do not store HSP in metal containers.

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5.3.8. Always ensure HSP does not come into contact with iron metal or other materials that are readily oxidized. Exposure of concentrated HSP to such materials may result in an explosion due to rapid oxidation.

5.3.9. Always store undiluted HSP in its original container.

5.3.10. HSP may discolour or degrade clothing. If HSP comes into contact with clothing, rinse immediately with water to avoid discolouration.

6. Procedure

6.1. Always add HSP into water. Never pour water into undiluted HSP.

6.2. Store concentrated HSP in a cool, dry place away from direct sunlight.

6.3. Keep HSP free of dirt and debris.

6.4. Diluted HSP must be used within 3 days.

7. Troubleshooting and Preventative Maintenance

Not applicable.