

Cleaning Agent
DETERON STERAL V90
 Disinfectant

SPECIFICATION

STERAL V90, is a gercimide indicated for disinfection of surfaces and equipments in farm buildings (such as dairy barns, milking parlours and other types of livestock buildings). **Steral V90** against viruses , bacteria , fungi and spores at low temperature . It may be used as a spray through pressure washers or spraying apparatus , in wheel or foot dips.

<p>PROPERTIES</p>	<p>Compositions.....4% Peracetic acid and 15% Hydrogen peroxide 10% Acetic acid.</p> <p>Solubility.....Easily soluble in water.</p> <p>Appearance.....Clear liquid.</p> <p>BiodegradabilityBiodegradable.</p> <p>Percent volatile 100%</p> <p>Boling point 99 ° C</p> <p>Specific gravity.....1.1</p> <p>Odour Acid.</p> <p>pH (5%Solution)..... 2</p>
<p>FEATURES</p>	<p>High level disinfectant.</p>
<p>STORAGE</p>	<p>Storage in the original container in a cool , well-ventilated dry room. Keep product away from sources of heat and combustible material. Avoid direct sunlight .Store away from food , feed or other pesticides .Containers must be stored upright only (do not block cap vent).</p>
<p>USAGE</p>	<ul style="list-style-type: none"> ➔ Cleaning the surface before sanitization. ➔ Mix 1 part of Steral V90 in 250 parts of water. ➔ Spray the solution on the surface, or dip/soak tools and equipment in the solution. Leave 15 minutes, rinse off water.
<p><i>“ We hereby confirm that component parts of STERAL V90 are included in 3,000 substances mentioned in Title 21 of the U.S. Code of Federal Regulations.”</i></p>	

MATERIAL SAFETY DATA SHEET

STERAL

V90

1. Product Data

Trade Name	STERAL V90
Compositions	Peracetic Acid Hydrogen Peroxide Acetic Acid
Use	For disinfection of surfaces and equipments in food processing plants.
Max. Quantity Storage	100,000 kg.
Manufacturer	Grand Chemical Far East Ltd.
Address	321/18 Nanglinchi Road, Chongnonsee, Yannawa, Bangkok 10120, Thailand. Tel: +662 2870701, 6783700-3 Fax: +662 2870702 Email: grandkem@grandkem.com Website: http://www.grandkem.com

2. Chemical Classification

Carcinogen	N/A
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3. Hazardous Ingredients

Substances	Percent	W/W
Peracetic Acid	4 %	
Hydrogen Peroxide	15 %	
Acetic Acid	10 %	

4. Physical and Chemical Data

Boiling Point	99 °C
Melting Point	N/A
Vapour Pressure	N/A
Solubility	Soluble
Specific Gravity	1.1
Evaporating Rate	N/A
Appearance Colour and Odour	Clear liquid, acid.
pH-Value (5%Solution)	2

5. Fire and Explosion Hazard Data

Flash Point	N/A
Minimum Flammable Limits	N/A
Maximum Flammable Limits	N/A
Autoignition Temperature	N/A
Chemical Reactivity	N/A
Material to Avoid	Acidic Substances
Hazardous Decomposition Products	N/A

6. Health Hazard Data

Ways of Exposure	Skin, Eyes, Swallow.
Local Effect Skin Eyes Mucous Membranes	Causes eye irritation.
Effect of Overexposure-Short Term	Causes skin irritation.
Effect of Overexposure-Long Term	Irritates skin, may cause kidney damage.
Safety Data LD 50 (Oral;Rat)	4,200 mg/kg

7. Safety Measures

Special Protection Information	
☒ Fire and Explosion Prevention	N/A
☒ Ventilation	Well-ventilated area.
☒ Respiratory Protection Type	Wear safety mask.
☒ Hand Protection	Wear protective gloves.
☒ Eye Protection	Wear safety glasses or goggles
☒ Other Protection	Wear safety cloth, rubber shoes.

First Aid

- ☒ If contact with the eye(s), remove contact lens, wash with copious amounts of water holding eyelid(s) open. Seek medical attention if irritation develops and persists.
- ☒ If swallowed, do not induce vomiting. Wash out mouth with water or milk. If irritation develops, seek medical attention
- ☒ If contact with the skin, wash gently and thoroughly with water. If irritation develops, seek medical attention

8. Special Instructions

Handling and Storage	Keep container tightly closed.
Corrosion Prevention	Keep in PE Container.
Spill and Leak Procedures	Keep in appropriate container.
Disposal Methods	Do not litter in rivers, canals or public water ways.
Extinguishing Media	Use an extinguishing agent suitable for surrounding fires.