



## Safety Data Sheet ACUTE CARE –STEP 1

<b>Manufacturer's Name</b> Yangzhou Weideli Trade Co. LTD.	<b>Acute Care Phone Number</b> (888)909-7700
<b>Address (Number, Street, City, State, and ZIP Code)</b> Rm. 2412,Bd.5,Cai fu Plaza,NO.287.Yangzijiang Middle Rd	<b>Telephone Number for Information</b> 0514-87828067
Yangzhou,Jiangsu,China	

### Section 1: IDENTIFICATION

**Product Name:** Pharma-Surface Guard – Step 1 Packet

**CHEMTREC (24HR Emergency Telephone), call:**

1-800-424-9300

See Manufacturers Name and reference above.

### Section 2: Hazards Identification

**OSHA Hazards:** Target organ effect, Harmful by skin absorption, Skin sensitizer

**Target Organs:** Teeth, Kidneys

**Signal Word:** DANGER

**Pictograms:**



**GHS Classification:**

Acute Toxicity, Oral

Acute toxicity, Inhalation

Acute toxicity, Dermal

Skin Corrosion

Serious eye damage

Category 5

Category 3

Category 4

Category 1A

Category 1

**Skin sensitization**                      **Category 1**  
**GHS Label Elements, including precautionary statements:**

**Hazard Statements:**

H303 May be harmful if swallowed.  
H312 Harmful in contact with skin.  
H314 Causes severe skin burns and eye damage.  
H317 May cause allergic skin reaction.  
H331 Toxic if inhaled.

**Precautionary Statements:**

P280                      **Wear protective gloves/protective clothing/eye protection/face protection.**  
P305+P351+P338 **IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do Continue rinsing.**  
P310                      **Immediately call a Poison Center or doctor/physician.**

**Potential Health Effects:**

**Eyes:** Causes eye burns  
**Inhalation:** May be harmful if inhaled, Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.  
**Skin:** Causes skin burns.  
**Ingestion:** May be harmful if swallowed

**NFPA Ratings:**

**Health:**                2  
**Flammability:**      0  
**Reactivity:**         2  
**Specific hazard:** Not available

**HMIS Ratings:**

**Health:**              2  
**Fire:**                 0  
**Reactivity:**        2  
**Personal:**          H

**Section 3: Composition and Information on Ingredients**

**Composition:**

**Name:** Sodium Hypochlorite, 2%  
**CAS #** 7681-52-9

**Toxicological Data on Ingredients:** Sodium Hypochlorite: 1mg/m3

**Section 4: First Aid Measures**

**Eye Contact:**

Check for and remove any contact lenses. In case of contact, immediately flush eyes with water for at least 15 Minutes, lifting upper and lower lids occasionally. Get medical attention if irritation persists.

**Skin Contact:**

Remove any contaminated clothing. Thoroughly wash area with mild soap and water. Get medical attention if irritation occurs. Launder contaminated clothes before re-use.

**Inhalation:**

If irritation occurs, remove to fresh air. Get medical attention if irritation persists.

**Ingestion:**

Do NOT induce vomiting. Dilute with water or milk. Keep person warm and quiet and get medical attention.

## **Section 5: Fire and Explosion Data**

**Flammability of the Product: Non-Flammable.**

**Auto-Ignition Temperature:** 463°C (865.4°F)

**Flash Points: NONE**

**Flammable Limits: NONE**

**Extinguishing Media and Instructions:**

Regular foam, water spray, carbon dioxide, halon, or dry chemical for surrounding fires.

**Special Fire Fighting Procedures:**

Wear self-contained breathing apparatus with full face piece operated in the positive pressure demand mode when fighting fires.

**Special Remarks on Explosion Hazards:**

Chlorine gas may evolved—slow decomposition may evolve oxygen (accelerates flammability of combustible material).

## **Section 6: Accidental Release Measures**

**Personal precautions, protective equipment and emergency procedures: See section 8 for recommendations on the use of personal protective equipment.**

**Small Spill:**

Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. If

necessary:

**Special protective equipment and precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.**

**Specific hazards arising from the chemical: Emits toxic fumes under fire conditions.**

## **Section 7: Handling and Storage**

**Precautions:**

**Storage:**

Keep from extreme temperatures. Keep empty containers away from sparks and open flames. Keep in closed container when not in use. Wash thoroughly after use.

## **Section 8: Exposure Controls/Personal Protection**

**PERSONAL PROTECTION:**

**Eyes: Wear chemical safety glasses or goggles.**

**Inhalation: Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.**

**Skin: Wear impervious clothing, chemically resistant gloves and boots.**

**Exposure Limits:**

(TLV) [United States] [1999] 1 mg/m<sup>3</sup> OSHA (PEL) [United States]

Consult local authorities for acceptable exposure limits.

## **Section 9: Physical and Chemical Properties**

**Physical state and appearance:** Liquid.

**Odor:** Mild odor

**Color:** Colorless. Clear (Light.)

**PH:** Not available

**Boiling Point:** 100°C (212°F)

**Freezing Point:** 0°C (32°F)

**Specific Gravity:** 1.00-1.10

**Vapor Pressure: Not Determined**  
**Vapor Density: Not Determined**  
**Water Solubility: Completely Soluble.**

### **Section 10: Stability and Reactivity Data**

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Heat, elevated pressures.

**Incompatibility with various substances:** Amines, ammonium salts, acids, reducing agents, metals, cellulose, methyl alcohol.

**Special Remarks on Reactivity:**

Chlorine, sodium oxide, slow decomposition produces oxygen which accelerates combustion.

**Polymerization:** Will not occur.

### **Section 11: Toxicological Information**

**Routes of Entry:** Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

**Chronic Effects on Humans:**

**MUTAGENIC EFFECTS:** Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. May cause damage to the following organs: kidneys, mucous membranes, skin, teeth.

**Other Toxic Effects on Humans:**

Extremely hazardous in case of inhalation (lung corrosive). Very hazardous in case of skin contact (irritant), of ingestion,

Hazardous in case of skin contact (corrosive, permeator), of eye contact (corrosive).

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** May affect genetic material and may cause reproductive effects based on animal data. No human data found.

**Special Remarks on other Toxic Effects on Humans:**

Acute Potential Health Effects: Skin: Extremely irritating and corrosive. Causes skin irritation (reddening and itching,

inflammation). May cause blistering, tissue damage and burns. Eyes: Extremely irritating and corrosive. Causes eye irritation,

lacrimation, redness, and pain. May cause burns, blurred vision, conjunctivitis, conjunctival and corneal destruction and

permanent injury. Inhalation: Causes severe respiratory tract irritation.

### **Section 12: Ecological Information**

**Ecotoxicity:**

Not available

**BOD5 and COD:** Not available

**Products of Biodegradation:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The products of degradation are less toxic than the product itself.

**Special Remarks on the Products of Biodegradation:** Not available.

**Section 13: Disposal Considerations**

**Waste Disposal:**

Waste must be disposed of in accordance with federal, state, and local environmental control regulations.

**Section 14: Transport Information**

**DOT Classification:**

Class 8: Corrosive material

**Identification:** Hypochlorite Solution, UN1791.PG: III

**Special Provisions for Transport:** Not available.

**Section 15: Other Regulatory Information: Not Applicable**

**Section 16: Other Information**

**References:** Not available.

**Other Special Considerations:** Not available.

**REVISION 0: 01-05-2024**

**Safety Data Sheet**  
**ACUTE CARE –STEP 2**

<b>Manufacturer's Name</b> Yangzhou Weideli Trade Co. LTD.	<b>Acute Care Phone Number</b> (888)909-7700
<b>Address (Number, Street, City, State, and ZIP Code)</b> Rm. 2412,Bd.5,Cai fu Plaza,NO.287.Yangzijiang Middle Rd	<b>Telephone Number for Information</b> 586-294-0300
Yangzhou,Jiangsu,China	

**Section 1: IDENTIFICATION**

**Product Name:** Pharma-Surface Guard – Step 2 Packet

**CHEMTREC (24HR Emergency Telephone), call:**

1-800-424-9300

See Manufacturers Name and reference above.

**Section 2: Hazards Identification**

**OSHA Hazards: NONE HAZARDOUS AS DETERMINED BY OSHA 29 CFR 1910.1200**

**Signal Word: NON-HAZARDOUS**

**Pictograms:**



<b>GHS Classification:</b>	
Acute Toxicity, Oral	Category 5
Acute toxicity, Inhalation	Category 3
Acute toxicity, Dermal	Category 4
Skin Corrosion	Category 1A
Serious eye damage	Category 1
Skin sensitization	Category 1

**GHS Label Elements, including precautionary statements:**

**Hazard Statements:**

H303 May be harmful if swallowed.  
H317 May cause allergic skin reaction.  
H331 Toxic if inhaled.

**Precautionary Statements:**

P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338 IF IN EYES: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do continue rinsing.  
P310: Immediately call a Poison Center or doctor/physician.

**Potential Health Effects:**

Eyes: Causes eye burns  
Inhalation: May be harmful if inhaled, Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.  
Ingestion: May be harmful if swallowed

**NFPA Ratings:**

Health: 1  
Flammability: 0  
Reactivity: 0  
Specific hazard: Not available

**HMIS Ratings:**

Health: 1  
Fire: 0  
Reactivity: 0

**Section 3: Composition and Information on Ingredients  
Benzyl Alcohol 0.9 % (CAS: 100-51-6)**

## **Sodium Thiosulfate 1% (CAS: 10102-17-7)**

**Contains No Hazardous Ingredients as determined by OSHA 29 CFR 1910.1200**

### **Section 4: First Aid Measures**

#### **Eye Contact:**

Check for and remove any contact lenses. In case of contact, immediately flush eyes with water for at least 15

Minutes, lifting upper and lower lids occasionally. Get immediate medical attention.

#### **Skin Contact:**

Remove any contaminated clothing. Thoroughly wash area with mild soap and water. Get medical attention if irritation occurs. Launder contaminated clothes before re-use.

#### **Inhalation:**

If irritation occurs, seek fresh air. Get medical attention if irritation persists.

#### **Ingestion:**

Do NOT induce vomiting. Dilute with water or milk. Keep the person warm and quiet and get medical attention.

### **Section 5: Fire and Explosion Data**

**Flammability of the Product: Non-Flammable.**

**Flash Points: NONE**

**Flammable Limits: NONE**

#### **Extinguishing Media and Instructions:**

Regular foam, water spray, carbon dioxide, halon, or dry chemical for surrounding fires.

#### **Special Fire Fighting Procedures:**

Wear self-contained breathing apparatus with full face pieces operated in the positive pressure demand mode when fighting fires.

#### **Special Remarks on Explosion Hazards:**

Chlorine gas may evolve—slow decomposition may evolve oxygen (accelerates flammability of combustible material).

### **Section 6: Accidental Release Measures**

**Personal precautions, protective equipment, and emergency procedures: See section 8 for recommendations on the use of personal protective equipment.**

#### **Small Spill:**

Dilute with water and mop up or absorb with an inert dry material and place in an appropriate waste disposal container. If

necessary:

**Special protective equipment and precautions for firefighters: Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.**

**Specific hazards arising from the chemical: Emits toxic fumes under fire conditions.**

### **Section 7: Handling and Storage**

#### **Precautions:**

#### **Storage:**

Keep away from extreme temperatures. Keep empty containers away from sparks and open flames. Keep it in closed container when not in use. Wash thoroughly after use.

### **Section 8: Exposure Controls/Personal Protection**

#### **PERSONAL PROTECTION:**

**Eyes: Wear chemical safety glasses or goggles.**

**Inhalation:** Provide local exhaust, preferably mechanical. If exposure levels are excessive, use an approved respirator.

**Skin:** Wear impervious clothing, chemically resistant gloves, and boots.

## **Section 9: Physical and Chemical Properties**

**Physical state and appearance:** Liquid.

**Odor:** Mild odor

**Color:** Light Amber to amber

**PH:** Not available

**Boiling Point:** 100°C (212°F)

**Freezing Point:** 0°C (32°F)

**Specific Gravity:** 1.00-1.10

**Vapor Pressure:** Not Determined

**Vapor Density:** Not Determined

**Water Solubility:** Completely Soluble.

## **Section 10: Stability and Reactivity Data**

**Stability:** The product is stable.

**Instability Temperature:** Not available.

**Conditions of Instability:** Heat, sparks, and open flames.

**Incompatibility with various substances:** Strong oxidizers

**Special Remarks on Reactivity:**

**Combustion may produce oxides of carbon or unidentified organic compounds.**

## **Section 11: Toxicological Information**

**Routes of Entry:** Absorbed through skin. Dermal contact. Eye contact. Inhalation. Ingestion.

**Chronic Effects on Humans:**

**MUTAGENIC EFFECTS:** Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast. May cause damage to the following organs: kidneys, mucous membranes, skin, teeth.

**Other Toxic Effects on Humans:**

Extremely hazardous in case of inhalation (lung corrosive). Very hazardous in case of skin contact (irritant), of ingestion,

Hazardous in case of skin contact (corrosive, permeator), of eye contact (corrosive).

**Special Remarks on Toxicity to Animals:** Not available.

**Special Remarks on Chronic Effects on Humans:** May affect genetic material and may cause reproductive effects based on animal data. No human data found.

**Special Remarks on other Toxic Effects on Humans:**

**Acute Potential Health Effects:** Skin: Extremely irritating and corrosive. Causes skin irritation (reddening and itching,

inflammation). May cause blistering, tissue damage and burns. Eyes: Extremely irritating and corrosive. Causes eye irritation,

lacrimation, redness, and pain. May cause burns, blurred vision, conjunctivitis, conjunctival and corneal destruction and

permanent injury. Inhalation: Causes severe respiratory tract irritation.



## **Section 12: Ecological Information**

### **Ecotoxicity:**

Not available

### **BOD5 and COD: Not available**

### **Products of Biodegradation:**

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

**Toxicity of the Products of Biodegradation:** The products of degradation are less toxic than the product itself.

**Special Remarks on the Products of Biodegradation:** Not available.

## **Section 13: Disposal Considerations**

### **Waste Disposal:**

Waste must be disposed of in accordance with federal, state and local environmental control regulations.

## **Section 14: Transport Information**

### **DOT Classification:**

Non-Hazardous

### **Identification: Cleaner, water based**

**Special Provisions for Transport:** Not available.

## **Section 15: Other Regulatory Information: Not Applicable**

## **Section 16: Other Information**

**References:** Not available.

**Other Special Considerations:** Not available.

**REVISION 0: 01-04-2024**