



**SUPCO**<sup>TM</sup> (Pty) Ltd  
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Document No: Sanchlor HF
Date issued: 22/10/2018
Last Revised: 22/10/2018

## **PRIMARY APPLICATION**

Sanchlor HF is specially formulated for the food and beverage industry as a chlorine based detergent and sanitizer. A well-balanced blend of superior soil removing, high-foaming and chlorine-releasing agents, it performs well at energy-saving ambient temperatures.

Sanchlor HF is the ideal detergent for cleaning steel and stainless steel food processing equipment, walls, floors, overhead piping and other hard-to-reach areas in meat- and fish-packing plants, canneries, dairies, soft drink plants, breweries, wineries, bakeries, and other food- and beverage-processing facilities.

## **APPLICATION PROCEDURE**

<b>Heavy Duty Cleaning:</b>	Dilute 1 part Sanchlor HF with 5 to 10 parts water (deep clean)
<b>Medium to Light Duty Cleaning:</b>	Dilute 1 part Sanchlor HF with 5 to 10 parts water (deep clean)

Sanchlor HF is readily applied through a foamizer or other foam-generating equipment. Contact time will vary - depending on the type and extent of soils. For heavily soiled problem areas, agitating with a long-handled brush or mop will speed the cleaning action. A potable water rinse on all surfaces should follow (mandatory on food contact surfaces).

**DO NOT USE SANCHLOR HF IN CONFINED AREAS AND DO NOT MIX WITH AN ACIDIC SOLUTION**

**Refer to MSDS for Safety and Handling precautions.**

**KEEP AWAY FROM CHILDREN**



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## 1. PRODUCT AND COMPANY INFORMATION

**Product Name:** Sanchlor HF  
**Product Description:** High foam, chlorinated, alkaline liquid detergent

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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Description:** High caustic liquid detergent.  
**Hazardous Components:** Sodium Hydroxide

## 3. HAZARD IDENTIFICATION

**Classification:** This product is classified as corrosive  
**Effects and symptoms:** Inhalation, ingestion or contact of skin and eyes with vapor, dust or substance could cause burns  
Fire could produce a combination of irritating, corrosive and toxic gasses  
Contact with combustible material may cause fires. Very toxic to aquatic organisms

## 4. FIRST AID MEASURES

Never give fluids of induce vomiting if patient is unconscious or having convulsions. Do not give mouth-to-mouth resuscitation if victim ingested or inhaled the substance.

**Inhalation:** Move person to fresh air; keep warm and at rest if effects occur, consult a physician. Apply artificial respiration if victim is not breathing.

**Skin Contact:** Remove contaminated clothing immediately and wash affected area with plenty of water. Avoid spreading material to unaffected skin.

**Eye Contact:** Flush eyes with plenty of water for at least 20-30 minutes; keep the upper and lower eyelids open. Do not allow victim to rub or keep eyes closed.

**Ingestion:** If swallowed seek medical attention. Do not induce vomiting unless directed so by medical personnel. Do not give mouth-to-mouth resuscitation if victim ingested or inhaled the substance.

## 5. FIRE FIGHTING MEASURES

**Extinguishing Media:** Do not use water on the substance itself when the substance is not involved in fire. Use CO<sub>2</sub>, dry chemicals, and use water spray to knock down vapours

**Protective Clothing:** Wear positive pressure self-contained breathing apparatus (SCBA) Wear chemical protective clothing that is specially recommended by the manufacturing. Structural fire fighters' protective clothing is recommended for fire situations ONLY and is not effective in spill situations

## 6. ACCIDENTAL RELEASE MEASURES

**Clean up methods:** Cover with DRY earth, DRY sand or other non-combustible material, followed by plastics sheet to minimize contact with rain. Use clean, non-sparking tools to collect material and place it in loosely covered plastic containers for later disposal. Prevent entry of the substance into waterways, sewers, basement or confined areas

**Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body**



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## 7. HANDLING AND STORAGE

- Handling:** Ensure an eye bath and safety shower is available and ready for use. Do not ingest. Avoid generating aerosols and mist. Do not breath gas/fumes/vapour/spray. Use with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment Avoid contact with skin and eyes
- Storage:** Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials including oxidizing agents, acids, water, bases. Protect from direct sunlight, moisture and static discharges. Hygroscopic. Store at ambient temperature.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

- Good Practice:** Good ventilation should be sufficient to control airborne levels
- Protective equipment:** RESPIRATOR: Wear an NIOSH approved respirator where ventilation is inadequate. EYES: Safety glasses with side shields (EN166) or face shield as needed. HANDS: Chemical resistant gloves (EN374) CLOTHING: Corrosion-resistant coveralls, apron and safety footwear.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Liquid
- Colour:** Clear Yellowish
- Odour:** Chlorine-like odour
- pH:** >12.0
- Boiling point:** >100 °C
- Melting point:** 0 °C
- Flash point:** N/A
- Flammability:** N/A
- Auto flammability:** N/A
- Oxidizing properties:** Use as oxidizing agent
- Solubility (water):** Soluble
- Solubility (solvent):** Insoluble
- Specific Gravity:** 1.1250 ± 0.005
- Fire Hazard in Presence of Various Substances:** No data

## 10. STABILITY AND REACTIVITY

- Stability:** Stable
- Conditions:** Avoid excessive heat, dusty conditions, direct sunlight, moisture, static discharges and high temperatures
- Incompatible materials:** Incompatible with oxidizing agents, Organic acids and sources of ignition.



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## 11. TOXICOLOGICAL INFORMATION

<b>Inhalation:</b>	Severe irritant. Effects from inhalation of dust or mist vary from mild irritation to serious damage of the upper respiratory tract, depending on severity of exposure. Symptoms may include sneezing, sore throat or runny nose. Severe pneumonitis may occur.
<b>Skin contact:</b>	Corrosive. Contact with skin can cause irritation or burns and scarring with greater exposures.
<b>Ingestion:</b>	Corrosive! Swallowing may cause burns of mouth, throat, and stomach. Symptoms may include bleeding, vomiting, and diarrhea, fall in blood pressure. Damage may appear days after exposure
<b>Eye Contact:</b>	Corrosive. Causes irritation of eyes, and with greater exposures it can cause burns that may result in permanent impairment of vision, even blindness.
<b>Long term exposure:</b>	Not Measured

## 12. ECOLOGICAL INFORMATION

<b>Environmental Fate and Distribution:</b>	Avoid contaminating waterways, drains and sewers.
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## 13. DISPOSAL CONSIDERATION

<b>Methods of disposal:</b>	As a hazardous liquid waste it should be solidified with inert material such as sand or fly ash before disposal to licensed industrial landfill.
<b>Disposal of packaging:</b>	Return to manufacturer. Do not reuse empty containers. Triple rinse into system, then puncture and dispose of in sanitary landfill, or if allowed by local authorities, by burning. If burned, stay away of smoke.

## 14. TRANSPORT INFORMATION

### Classified as a corrosive liquid

<b>Class:</b>	8
<b>Packing group:</b>	II
<b>Marine pollutant:</b>	Yes
<b>Label:</b>	Corrosive



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## 15. REGULATORY INFORMATION

<b>Hazard Symbol:</b>	C	
<b>Risk phrases:</b>	R34	Causes burns.
	R41	Risk of serious eye damage.
	R 20/21/22	Harmful in contact with skin, eyes and if swallowed.
<b>Safety phrases:</b>	S1/2	Keep locked up and out of the reach of children.
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S37/39	Wear suitable gloves and eye/face protection.
	S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
	S22	Do not breathe dust.
	S24/25	Avoid contact with skin and eyes.

## 16. OTHER INFORMATION

This data sheet was prepared in accordance with Directive 93/112/EC

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