



SAFETY DATA SHEET

Revision date: 06.06.2023

CHLOR HF

Page 1 of 7

SECTION 1: Product and Company Identification

Product Identifier

Name: CHLOR HF
SABS 1853:2020
Permit No: 9483/ 15034
Original registration: 20/07/2011
Control Date/ Latest Issue: 19/07/2026

Product Description

High Foaming Sterilizer

Details of the Supplier

PCS Gauteng (Pty) Ltd.
1 Mints Street,
Old Mint Park,
Centurion

Telephone:

011 314 3014

Website:

www.primecs.co.za

SECTION 2: Hazards Identification

Classification of the substance or mixture

Hazard Ingredients:

Sodium Hypochlorite

Adverse human health effects:

Causes eye and skin irritation.

Label elements

Signal word:

Corrosive

Pictograms:





SAFETY DATA SHEET

Revision date: 06.06.2023

CHLOR HF

Page 2 of 7

SECTION 2: Hazards Identification - continued

| | |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hazard statements: | Reaction with acids will release toxic chlorine gas. Irritating to eyes and skin. Do not ingest. Causes severe skin and eye damage. |
| Precautionary statements: | Do not breathe gas/fume/vapours and sprays. Wash hands thoroughly after handling. Wear protective gloves/eye/face protection. If swallowed: rinse mouth and do not induce vomiting. If inhaled: remove to fresh air and keep at rest in a position comfortable for breathing. If on skin (or hair): immediately remove/take off all contaminated clothing. Immediately rinse skin with water/shower. If in eyes: rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Store locked up. Store away from foodstuffs. Rinse from food contact surfaces after use. Dispose of contents/container in accordance with local regulations. Warning - do not mix with any other chemicals. May release dangerous gases. Keep out of reach of children. Wear suitable neoprene gloves and eye/face protection. Workers should have access to a wash fountain. If splashed in eyes, wash thoroughly with tepid water. |
| Environmental effects: | High concentrations may be harmful to aquatic life. |
| Physical hazards: | None. |
| Chemical hazards: | Reaction with acids will release toxic chlorine gas. Non-Flammable |

SECTION 3: Composition / Information on Ingredients

Chlorine based bleach.

Chemical Preparation

| | |
|----------------------------------------|---------------------|
| Chemical nature: | Sodium Hypochlorite |
| Components contributing to the hazard: | Sodium Hypochlorite |
| Impurities contributing to the hazard: | None known. |



SAFETY DATA SHEET

Revision date: 06.06.2023

CHLOR HF

Page 3 of 7

SECTION 4: First aid Measures

| | |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Inhalation: | Do not inhale directly. Move patient to fresh air. |
| Skin contact: | Remove contaminated clothing. Wash skin with soap and water. |
| Eye contact: | Wear goggles to prevent splashing in eyes. Flush with running water holding eyelids open. If irritation persists, consult a doctor. |
| Ingestion: | Do not drink. Do not induce vomiting, drink lots of water. Seek medical attention |

SECTION 5: Firefighting Measures

| | |
|-----------------|----------------------|
| Recommendation: | None - Non-Flammable |
|-----------------|----------------------|

SECTION 6: Accidental Release Measures

| | |
|----------------------------|--------------------------------------------------|
| Personal precautions: | Avoid eye contact. Do not ingest. Wear gloves |
| Environmental precautions: | Do not discharge down drains in large quantities |
| Neutralising Chemicals: | Water |
| Waste Disposal: | Not necessary |

SECTION 7: Handling and Storage

| | |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Handling: | Put on appropriate personal protective equipment (see Section 8). Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapour or mist. Avoid release to the environment. Refer to special instructions/safety data sheet. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Keep away from acids. Empty containers retain product residue and can be hazardous. Do not reuse container. Product is not harmful or explosive. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Ensure container is not leaking and well-sealed Wash hands thoroughly after handling. |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



SAFETY DATA SHEET

Revision date: 06.06.2023

CHLOR HF

Page 4 of 7

Storage:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See Store in accordance with local regulations.

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Separate from acids. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. Store away from children.

SECTION 8: Exposure Controls and Personal Protection

| | |
|---------------------------|-------------------------------------------|
| Limit values: | To be monitored at the work place. |
| Monitoring procedures: | Keep container closed when not in use |
| Respiratory Protection: | None required. |
| Hand protection: | Wear nitrile gloves if desired |
| Eye Protection: | Wear goggles if splashing is anticipated. |
| Skin and body protection: | None required. |

SECTION 9: Physical and Chemical Properties

| | |
|-----------------------------------------------------------------------------------|-----------------------------------------------------|
| Form | Liquid |
| Colour | Yellowish, may contain small amounts of precipitate |
| Odour | None |
| pH value @ dilution rate for stains: 100 – 250 ml per 10L of water for 5 minutes. | Between 9 -14 |
| pH value @ dilution rate for sanitizing: 250ml per 10L of water for 5 minutes. | Between 9 -14 |
| pH value @ neat for toilet cleaning. | Between 9 -14 |



SAFETY DATA SHEET

Revision date: 06.06.2023

CHLOR HF

Page 5 of 7

| | |
|---------------------------------------------------|-----------------------------|
| Melting & Freezing point: | Not Applicable |
| Boiling, initial boiling point and boiling range: | Not Applicable |
| Flash point: | Not Applicable |
| Upper/lower flammability: | Not Applicable |
| Vapour density: | Not Applicable |
| Density/relative density: | Not Applicable |
| Solubility: | Not Applicable |
| N-octanol/water partition coefficient: | Not Applicable |
| Auto ignition temperature: | Not Applicable |
| Decomposition temperature: | Not Applicable |
| Solubility | Completely soluble in water |
| Wetting | Excellent |
| Emulsification | None |
| Free rinsing | Yes |
| Biodegradable | Not established |
| Gravity | 1.12 |

SECTION 10: Stability and Reactivity

| | |
|----------------------------------------------------------|-----------------------------------------------------------------------------------|
| Chemical stability: | No Information Available |
| Hazardous reactions occurring under specific conditions: | No Information Available |
| Conditions to avoid: | Direct Sunlight |
| Incompatible materials: | Acids |
| Hazardous Decomposition: | Highly reactive to metals, oxidising agents, reducing agents, acids and moisture. |

SECTION 11: Toxicological Information

| | |
|--------------------------|-----------------------------------------------------------|
| Acute toxicity: | Released Chlorine is toxic by inhalation |
| Skin irritation: | Strong caustic effect on skin. May cause skin irritation. |
| Eye damage / irritation: | May cause severe eye irritation. |
| Respiratory: | Inhalation may adversely affect respiratory tract. |



SAFETY DATA SHEET

| | | |
|----------------------------------|-----------------|--------------------|
| Revision date: 06.06.2023 | CHLOR HF | Page 6 of 7 |
|----------------------------------|-----------------|--------------------|

| | |
|---------------------------------------------------|--------------------------|
| reproductive cell mutagenicity: | No Information available |
| Carcinogenicity: | No Information available |
| Reproductive toxicity: | No Information available |
| Specific target organ toxicity-single exposure: | No Information available |
| Specific target organ toxicity-repeated exposure: | No Information available |
| Aspiration hazard: | No Information available |

SECTION 12: Ecological information

| | |
|---------------------------------|--------------------------------------------------------------------------------------------|
| Possible environmental effects: | High concentrations may be harmful to aquatic life. |
| Behaviour and fate: | Avoid large spills entering waterways. Flush to drain with lots of water or use absorbent. |
| Persistence / Biodegradability: | Not established. |
| Bio accumulative potential: | No further information available. |
| Mobility in soil: | No further information available. |

SECTION 13: Disposal considerations

| | |
|-------------------------------------|-----------------------------------------------------|
| Waste disposal: | Flush to drain with lots of water |
| Disposal of contaminated packaging: | At any government approved waste disposal facility. |

SECTION 14: Transport information

| | |
|------------------------------------------------|------------------------------------------------------------------------------|
| Proper shipping name: | CHLOR HF |
| Class: | Irritant liquid |
| Danger group | Irritant liquid |
| Precautionary transport measures & conditions: | UN No 1791, ERG 154, Tremcard 45/80G12, EAC 59 As for handling chemicals. |



SAFETY DATA SHEET

Revision date: 06.06.2023

CHLOR HF

Page 7 of 7

SECTION 15: Regulatory information

| | |
|-----------------------------------------------------|----------------------|
| Regulations specifically applicable to the product: | None Known. |
| National legislation: | Not Applicable |
| Hazard and safety information: | Take usual good care |

SECTION 16: Additional Information

Always use according to manufacturer's instructions.

The information contained herein is based on our current knowledge and experience at this time and summarizes to the best of our knowledge the health and safety hazardous information relating to the product.

The data is intended only as a guide for the handling and safety of the product.

We do not assume any liability for the consequences of the use of this product, since it is applied under conditions beyond our control and with which we may be unfamiliar.

Final determination of the suitability of use of the product for any particular purpose is the sole responsibility of the user. Although certain hazards are mentioned, we cannot guarantee that these are the only hazards that exist.

We believe the product will perform the task for which it is intended, but do not in any way guarantee it will do so as conditions of actual use are beyond our control, under no circumstances shall we or our agents be liable for any consequential loss arising from its use.