



Sodosil CF
Chlorinated alkaline foam

CLEANWAY

MATERIAL SAFETY DATA SHEET

SECTION I - CHEMICAL PRODUCT

PRODUCT NAME Sodosil CF

GENERAL USE : Chlorinated alkaline foam

Hazard Rating:

Health:3
Flammability: 0
Reactivity: 3

4=EXTREME
3=HIGH
2=MODERATE
1=SLIGHT
0=NOT SIGNIFICAN

ARABIAN COMPANY FOR DETERGENT TELEPHONE NUMBER: 03/5221989

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS NO
Aminoxide	287-011-6
Sodium hypochlorite	231-668-3
Sodium hydroxide	215-185-5
phosphonate	_____
Non- ionic surfactant	_____
Ionic surfactant	_____

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SECTION III - HAZARDS IDENTIFICATION

Main toxicological and ecological hazards:

Corrosive

Cause severe burns

Cause serious burns in contact with skin and eyes . the corrosion penetrates deep into the tissue and is often only noticed after a while. serious risk of lasting damage to eyesight .

Contact with acid liberates toxic gas . discharge of large amount into the aquatic environment may cause a change into the Ph – value.

SECTION IV - FIRST AID INFORMATION

Eye Contact:

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Finish by rinsing thoroughly with running water to avoid a possible infection. Cold water may be used.

Skin Contact: Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention if any discomfort continues..

Inhalation: . Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring these instructions. In case of chlorine poisoning: Move injured person to fresh air and after that to hospital.

Ingestion:

Do not induce vomiting. Loosen tight clothing such as a collar, tie, belt or waistband. If the victim is not breathing, perform mouth-to-mouth resuscitation. Seek immediate medical attention.

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SECTION V - FIRE FIGHTING INFORMATION

Flammability of the Product: Non-flammable.

Auto-Ignition Temperature: Not applicable.

Flash Points: Not applicable.

Flammable Limits: Not applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not applicable.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions: Not applicable.

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal precautions: Look out! The product is corrosive. Use protective gloves, goggles and suitable protective clothing. In case of inadequate ventilation, use respiratory protection.

Environmental precautions: Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment.

Methods and material for containment and cleaning up

Dam and absorb spillage with sand, sawdust or other absorbent. Wash contaminated area with water..

SECTION VII - HANDLING AND STORAGE

Precautions:

Keep container dry. Do not breathe gas/fumes/ vapour/spray. Never add water to this product In case of insufficient ventilation, wear suitable respiratory equipment If you feel unwell, seek medical attention and show the label when possible. Avoid contact with skin and eyes Keep away from incompatibles such as moisture.

Storage:

Storage Store in tightly closed original container. Keep away from food, drink and animal feeding stuffs. Store protected from acids.

Storage Temperature Value: -5-20 °C.

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SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Personal Protection:

Face shield Lab Coat Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves. Boots.

Personal Protection in Case of a Large Spill:

Splash goggles. Full suit. Vapor respirator. Boots. Gloves. A self contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits:

Sodium hydroxide CEIL: 2 (mg/m³) from ACGIH [1995] Consult local authorities for acceptable exposure limits.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Physical state and appearance: slightly viscous Liquid

Odor: characteristic chlorine odor

Taste: Not available.

Molecular Weight: Not applicable.

Color: slightly greenish Liquid

pH (1% soln/water): strong alkaline

Melting Point: Not available.

Critical Temperature: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: See solubility in water.

Solubility: Easily soluble in cold water, hot water.

Density: 1.11kg/l

Viscosity: <50mpa.s

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SECTION X - STABILITY AND REACTIVITY

Stability: The product is stable.
Instability Temperature: Not available.
Conditions of Instability: Not available.
Incompatibility with various substances: Not available.
Corrosivity: Slightly corrosive to corrosive in presence of glass.
Special Remarks on Reactivity: Not available.
Special Remarks on Corrosivity: Not available.
Polymerization: No.

SECTION XI - TOXICOLOGICAL INFORMATION

Inhalation: Aerosols may be corrosive. Inhalation may cause: Serious damage to the lining of nose, throat and lungs.
Skin contact : Corrosive. Prolonged contact causes serious tissue damage.
Eye contact : Strongly corrosive. Causes severe burns and serious eye damage. Immediate first aid is imperative. Contact with concentrated chemical may very rapidly cause severe eye damage, possibly loss of sight.
Ingestion: Corrosive. Even small amounts may cause serious damage. May cause burns in mucous membranes, throat, oesophagus and stomach.

SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity: Large amounts of the product may affect the acidity (pH-factor) in water with possible risk of harmful effects to aquatic organisms.
BOD5 and COD: Not available.
Toxicity of the Products of Biodegradation: The product itself and its products of degradation are not toxic.
Special Remarks on the Products of Biodegradation: Not available.

SECTION XIV - TRANSPORT INFORMATION

.DOT Classification: CLASS 8: Corrosive liquid.
Identification: : Sodium hydroxide, solution (Sodium hydroxide) : UN1824 PG: II
Special Provisions for Transport: Not available.