	Al Saidain Chemical Treatment of Environment Factory - ACTEF	
ACTEF	TECHNICAL DATA SHEET	
		Issue Date: 27.12.2022

PRODUCT

CLOR ACTEF

5.25% SODIUM HYPOCHLORITE / BLEACH

PRODUCT DESCRIPTION

- CLOR Bleach liquid is designed to clean and deodorize. It cleans white clothes and removes stains. It also kills germs that cause malodor.
- It gives excellent cleaning result when used in washing machine with laundry detergents.

PHYSICAL PROPERTIES

Appearance:	Clear liquid, free from impurities and suspended matter
Color:	Light yellow
Odor:	Chlorine
pH:	13 – 14
Specific Gravity @ 28°C	1.08 - 1.09
Active Material:	5.25% Sodium Hypochlorite
Foam:	Low
Flammability:	Not applicable
Stability:	Stable for 1 year from production date with acceptable chemical degradation if stored properly (see MSDS)

INGREDIENTS

Water and Sodium Hypochlorite

APPLICATIONS

- Automatic machine washing: One cup of bleach per washing machine load with good laundry detergent for excellent cleaning results.
- Hand Washing: add ¼ cup bleach per gallon of suds water for normal hand washing. Use little more for heavy soiled cloth. Use rubber gloves to protect your hand.
- For general cleaning and disinfecting: Use bleach to clean and deodorize bathrooms and kitchens. It cleans by removing stains and killing germs that cause odors. Clean with a solution of ¾ cup bleach per gallon of warm water for kitchens, sinks, floor, tubs and tiles.
- For stains: pour bleach undiluted on stains spots; let stand for 10 minutes and rinse with water

STORAGE

Store the original container in cool and dry place away from food and feeding stuff.

PACKING

6 x 1 gal and 30 L

PRECAUTIONS

- Keep away from the reach of children
- Do not use bleach on silk, wool, mohair, leather or on fasting colors.
- Do not use bleach with toilet bowl cleaners or other cleaners with ammonia.

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جوال : ٠٥٠٥٦٢٩٨٨٦ / ٠٥٤٥٦٠٥٦٠٧

1. PRODUCTS AND COMPANY SPECIFICATION

Product Name

CLOR ACTEF

Product Use

Household disinfecting, sanitizing and laundry bleach

Supplier

Al Saidain Chemical Treatment Of Environment Factory (ACTEF)

P.O Box 23456 3rd Industrial City, Jeddah, KSA
Phone No. +966 (12) 6790317

2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredient	CAS No.	%
Sodium Hypochlorite	7681-52-9	5 – 6

3. HAZARD IDENTIFICATION

- Skin corrosion / irritation
- Serious eye damage / eye irritation

4. FIRST AID MEASURES

Eyes: Hold eye open and rinse slowly and gently with water for 15 – 20 minutes. Remove contact lenses if present after the first 5 minutes and continue rinsing eye. Seek medical advice.

Skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 – 20 minutes. Seek medical advice.

Ingestion: Have person sip a glassful of water if able to swallow. Do not induce vomiting. Seek immediate treatment.

Inhalation: Move to fresh air. Seek medical attention if breathing is affected.

5. FIRE FIGHTING MEASURES

Extinguishing Media: Foam, dry powder and carbon dioxide.

Protective Equipment for Fire Fighting: Fire fighters require the necessary personal protective equipment for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Avoid contacts with eyes, skins and clothing. Ensure adequate ventilation. Breathing protection should be worn in enclosed and/or poorly ventilated areas.

Environmental Precautions: Prevent the material from entering storm drains, lakes or streams.

Spillages: Absorb, collect and containerize. Residuals may be washed down to sanitary sewer.

7. HANDLING AND STORAGE

Handling: Handle in accordance with good industrial hygiene and safety practice.

Storage: Store in a cool, dry place away from children. Keep container tightly closed after use. Keep away from food, drink and animal feedstuffs

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational Exposure Standards : Not established

Respiratory Protection: Wear respirator where conditions require.

Hand Protection: PVC or rubber gloves.

Eye Protection: Wear safety goggles if splashes are likely to occur.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear liquid; free from any suspended matter.
pH	13 – 14
Specific Gravity @ 28°C	1.08 – 1.09
Active Matter as NaOCl	5.25% min
Color	Light yellow
Odor	Chlorine
Flash Point	None
Flammability	Not applicable
Auto-ignition Temperature	Not applicable
Explosive Properties	Not applicable
Water Solubility	Soluble

10. STABILITY AND REACTIVITY

Stability: Expected to degrade in time. Should be used immediately. Stable with acceptable chemical degradation within 1 year when stored under recommended conditions

Conditions to Avoid : High temperature above 30°C

Materials to Avoid : Toilet bowl cleaners, rust remover, acids and other cleaners with ammonia

Hazardous Decomposition Products : None known

11. TOXICOLOGICAL INFORMATION

Not available

12. ECOLOGICAL INFORMATION

Persistence / Degradability : Biodegradable

Bio-accumulation : Product is not expected to bio accumulation

Environmental Toxicity : Toxic to fish and other aquatic organisms with long lasting effect

13. DISPOSAL

Product Disposal: Dispose of in accordance with all applicable local and national regulations.

Container Disposal : Where possible, containers should be rinsed with clean water and dispose in line with local regulations

14. TRANSPORT INFORMATION

Air, Sea, Land:

Class:	Not Restricted
UN Number:	
Packing Group:	

15. REGULATORY INFORMATION

Risk Phrases (s):	R 38 Irritating to the skin
Safety Phrase (s):	R 41 Risk of serious damage to eyes
	S 2 Keep out of reach of children

16. OTHER INFORMATION

HMIS RATING

Health	3	Flammability	0	Reactivity	0

This material safety data sheet is additional to the technical data sheet but does not replace it. The information given herein, to the best of our knowledge, is correct and given in good faith. It relates to the product in the state in which it is delivered. This product is for the uses specified and should only be used for those purposes. Any other use may involve risks. The user will take sole responsibility for the precautions relating to the use of the product. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.