

TECHNICAL SERVICE SHEET

876CHEM CHLORINE BLEACH 10

876c-2556

✓ PURPOSE & USE

Chlorine Bleach 10 is a chlorine based bleach at 10% active that enhances the performance of 876CHEM's Commercial and Institutional Laundry line of products. Formulated with the power of sodium hypochlorite, an inorganic chlorine source, Chlorine bleach 10 whitens and brightens white fabrics and aids in eliminating tough stains in the laundry process.

✓ FEATURES

- Formulated for Commercial and Institutional use and other laundry applications subject to heavy soiling.

✓ SUGGESTED USAGE

DO NOT MIX WITH OTHER CHEMICALS.

Suggested Usage use **1.5Fl oz/100Lb** of soiled laundry. Adjust dosage according to severity of soil



DANGER

Causes severe skin burns and serious eye damage.

May be corrosive to metals.

Can pollute water sources

Strong oxidizer. Avoid mixing with ammonia and acids.

FIRST AID

In case of eye contact, flush thoroughly with water for at least 15 mins. and seek immediate medical assistance.

If swallowed, DO Not induce vomiting, drink two glasses of water and seek immediate medical assistance.

Please See Product Safety Data Sheet

INGREDIENTS

Water, Chlorine, Caustic

876CHEM[®] A PROFESSIONAL TEAM

Manufacturing Products and
Providing Excellent Customer Service
and Technical Support to our Clients

CONTACT US

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📍 157 Old Hope Road, Kgn. 6

Manufactured by 876CHEM Limited, 157 Old Hope Rd., Kingston 6, Jamaica



876CHEM CHLORINE BLEACH 10

PH (CONC.)	>13.0
DILUTION	Varies
COLOR	Pale Yellow
SCENT	Chlorine

PRODUCT CODE	PACKAGING VARIATION	SIZE
CRM067-2556		15 GAL DRUM
CRM068-2556		55 GAL DRUM

DIRECTIONS FOR USE:

DO NOT MIX WITH OTHER CHEMICALS.

1. ONLY USE 876CHEM CHLORINE BLEACH 10 ON BLEACHABLE FABRICS.
2. SORT LAUNDRY BY COLOR AND FABRIC TYPE.
3. **ADD 1.5FL OZ. OF 876CHEM CHLORINE BLEACH 10 PER 100 LBS.** OF LAUNDRY DEPENDING ON SOIL LOAD AND STAIN TYPE.

NOTE: THIS PRODUCT DEGRADES WITH AGE. USE A CHLORINE TEST KIT AND INCREASE DOSAGE, AS NECESSARY, TO OBTAIN THE REQUIRED LEVEL OF AVAILABLE CHLORINE. ALL RECOMMENDATIONS MADE ABOVE ARE BASED ON AN INITIAL CONCENTRATION OF 10% SODIUM HYPOCHLORITE.

GUARANTEE

876CHEM'S MANUFACTURING IS GOVERNED BY LABORATORY CONTROL. ALL OF OUR PRODUCTS ARE IN-HOUSE LAB TESTED FOR QUALITY ASSURANCE, CONTROL AND CONSISTENCY. 876CHEM WILL PROVIDE A CERTIFICATE OF ANALYSIS (COA) FOR ALL PRODUCTS PURCHASED.

PLEASE USE PRODUCT AS DIRECTED AND READ ALL PRECAUTIONARY STATEMENTS.

876CHEM CHLORINE 10 PRODUCT SAFETY DATA SHEET (PSDS)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: 876CHEM CHLORINE BLEACH 10
Product Number: 876c-2556
Recommended Use: Laundry additive
Uses: For Commercial, Industrial and Institutional Use Only
Manufacturer/Supplier: 876CHEM Limited,
157 Old Hope Road,
Kingston 6, Jamaica
876 669-8825, 876 287-4036

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Corrosion/Irritation: Category 1 Sub-category C
Serious Eye Damage/Eye Irritation: Category 1
Corrosive to Metals: Category 1

GHS Label Elements

Signal Word:

Danger

Symbols:



Hazard Statements:

Causes severe skin burns and serious eye damage.
May be corrosive to metals. Marine pollutant. Strong oxidizer .Avoid mixing with ammonia or acids.

Precautionary Statements:

Prevention:

Do not breathe mist, vapors or spray. Wash hands and any exposed skin thoroughly after handling. Wear protective gloves. Wear eye / face protection. Wear protective clothing. Keep in original or other corrosion resistant container.

Response:

-Eyes IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.
IF IN EYES: Rinse cautiously with water for atleast 45 min. minutes. Remove contact lenses, if present and easy to do. Continue rinsing for atleast 15 mins.

-Skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing.

-Inhalation:

Rinse skin with water or shower. Wash contaminated clothing before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

-Ingestion:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

-Specific Treatment:

See **Product Safety Data Sheet**: "FIRST AID MEASURES" for additional information.

Spill:

Absorb spillage to prevent material damage.

Storage:

Store locked up. Store in corrosion resistant container.

Disposal:

Dispose of contents and container in accordance with local regulations.

Hazards Not Otherwise Classified:

Not Applicable

Other Information:

- Corrosive.
- Harmful or fatal if swallowed.
- Harmful contact may not cause immediate pain.
- Inhalation of vapors or mist may cause respiratory irritation or damage.
- Take off and destroy contaminated shoes.
- Keep out of reach of children.
- NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name

Sodium Hypochlorite

CAS No

7681-52-9

Weight-%

8-10

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

-Eye Contact:	4. FIRST AID MEASURES Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IMMEDIATELY CONTACT A PHYSICIAN.
-Skin Contact:	Take off immediately all contaminated clothing and shoes. Rinse with water or shower for at least 15 minutes. IMMEDIATELY CALL PHYSICIAN. Wash contaminated clothing before reuse.
-Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. IMMEDIATELY CALL A PHYSICIAN.
-Ingestion:	Rinse mouth. Do NOT induce vomiting. IMMEDIATELY CALL A PHYSICIAN. Never give anything by mouth to an unconscious person.
Note to Physicians:	NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

Suitable Extinguishing Media:	5. FIRE-FIGHTING MEASURES Water spray (fog), Carbon dioxide surrounding fire
Specific Hazards Arising from the Chemical:	The product causes burns of eyes, skin and mucous membranes. Thermal decomposition can lead to release of irritating and toxic gases and vapors. In the event of fire and/or explosion do not breathe fumes.
Hazardous Combustion Products: Protective Equipment and Precautions for Firefighters:	May include Carbon monoxide Carbon dioxide and other toxic gases or vapors. Wear approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire- exposed containers with water spray.

Personal Precautions: Environmental Precautions: Methods for Clean-Up:	6. ACCIDENTAL RELEASE MEASURES Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Do not rinse spill onto the ground, into storm sewers or bodies of water. Prevent further leakage or spillage if safe to do so. Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local regulations.
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Advice on Safe Handling:	7. HANDLING AND STORAGE Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly after handling.
Storage Conditions:	Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of reach of children. Keep from freezing.
Suggested Shelf Life:	Maximum of 6 months from date of manufacture.

Occupational Exposure Limits: Engineering Controls:	8. EXPOSURE CONTROLS / PERSONAL PROTECTION Provide good general ventilation. If work practices generate dust, fumes, gas, vapors or mists which expose workers to chemicals above the occupational exposure limits, local exhaust ventilation or other engineering controls should be considered. Eye wash stations and shower facilities should be readily accessible in areas where the product is handled.
Personal Protective Equipment Eye/Face Protection: Skin and Body Protection:	Wear splash goggles. For severe use-conditions, wear a face shield over the goggles. Wear rubber or other chemical-resistant gloves. Use of impervious apron, boots and other protective equipment should be considered in order to prevent or minimize contact with this product.
Respiratory Protection:	Not required with expected use. If occupational exposure limits are exceeded or respiratory irritation occurs, use of regulation approved respirators suitable for the use-conditions and chemicals in Section 3 should be considered.
General Hygiene Considerations:	Wash hands and any exposed skin thoroughly after handling.

Appearance/Physical State: Liquid	9. PHYSICAL AND CHEMICAL PROPERTIES
Color: Pale Yellow	
Odor: chlorine	
pH: >13.0	
Melting Point / Freezing Point: No information available.	
Boiling Point / Boiling Range: > 104 °C / 219 °F	
Flash Point: > 104 °C / > 219 °F ASTM D56	
Evaporation Rate: < 1 (BuAc = 1)	
Flammability (solid, gas): No information available.	
Upper Flammability Limit: No information available.	
Lower Flammability Limit: No information available.	
Vapor Pressure: No information available.	
Vapor Density: No information available.	
Specific Gravity: 1.15-1.18 - @25 °C	
Solubility(ies): Soluble in water	
Partition Coefficient: No information available.	
Autoignition Temperature: No information available.	
Decomposition Temperature: No information available.	
Viscosity: No information available	

10. STABILITY AND REACTIVITY

Reactivity: This material is considered to be non-reactive under normal conditions of use.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Contact with acids releases chlorine gas. Contact with ammonia releases esters may release hydrogen gas.

Conditions to Avoid: Extremes of temperature and direct sunlight.

Incompatible Materials: Strong oxidizing agents. Strong acids.

Hazardous Decomposition Products: May include carbon monoxide, carbon dioxide (CO₂) and other toxic gases or vapors.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eyes, Skin, Ingestion, Inhalation.

Symptoms of Exposure:

-**Eye Contact:** Pain, redness, swelling of the conjunctiva and tissue damage. May cause permanent damage.

-**Skin Contact:** Pain, redness, blistering and possible chemical burn.

-**Inhalation:** Irritation or damage to the mucus membranes of the respiratory tract. Nasal discomfort and coughing.

-**Ingestion:** Damage or chemical burns to mouth, throat and stomach. Pain, nausea, vomiting and diarrhea.

Target Organ Effects: -Eyes, Respiratory System. -Skin

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Chemical Name: Sodium Hydroxide 1310-73-2

Algae/Aquatic Plants: Not available

Fish: 0.06 - 0.11: 96 h Pimephales promelas mg/L LC50 flow-through 4.5 - 7.6: 96 h Pimephales promelas mg/L LC50

static 0.4 - 0.8: 96 h Lepomis macrochirus mg/L LC50 static 0.28 - 1: 96 h Lepomis macrochirus mg/L LC50 flow-

through 0.05 - 0.77: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.03 - 0.19: 96 h Oncorhynchus mykiss

mg/L LC50 semi-static 0.18 - 0.22: 96 h Oncorhynchus mykiss mg/L LC50 static

Toxicity to Microorganisms: Not Available

Crustacea: Not Available

Persistence and Degradability: No information available.

Bioaccumulation: No information available.

Marine Pollutant: Yes

Other Adverse Effects: No information available.

13. DISPOSAL CONSIDERATIONS

Disposal of Wastes: Dispose of in accordance with local regulations.

Contaminated Packaging: Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

UN/ID No: UN1760

Proper Shipping Name: Corrosive liquids, n.o.s., (contains sodium hypochlorite)

Hazard Class: 8

Packing Group: III

Special Provisions: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Check with a trained hazardous materials transportation expert for information specific to your situation.

IMDG:

UN/ID No: UN1760

Proper Shipping Name: Corrosive liquids, n.o.s., (contains sodium hydroxide)

Hazard Class: 8

Packing Group: III

Marine Pollutant: Yes

**15. REGULATORY INFORMATION**

Hazard Categories

Acute Health Hazard: Yes

Chronic Health Hazard: No

Fire Hazard: No

Sudden release of pressure hazard: No

Reactive Hazard: No

16. OTHER INFORMATION

NFPA Health Hazards: 3 **Flammability:** 0 **Instability:** 1 **Special:** N/A
HMIS Health Hazards: 3 **Flammability:** 0 **Physical Hazards:** 1

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Disclaimer:

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Product Safety Data Sheet