

TECHNICAL SERVICE SHEET

876CHEM CHEM BLEND ALKALINE LAUNDRY BUILDER (BREAK)

876c-2558

✓ PURPOSE & USE

CHEM Blend is a concentrated alkaline laundry builder that prepares the fabric for the washing process. It raises the pH of the wash water accelerating the washing process by opening the fibers of the fabric and releasing entrapped soil particles.

✓ FEATURES

- Formulated for Industrial, Commercial and Institutional use and other laundry applications subject to heavy soiling.
- Break contains biodegradable water softening agents to boost detergent performance.
- Soil suspension characteristic prevents redepositing.

✓ SUGGESTED USAGE

DO NOT MIX WITH OTHER CHEMICALS.

Suggested Usage use **8fl oz. per 100 lbs.** of soiled laundry. Adjust dosage according to severity of soil

DANGER

Causes severe skin burns and serious eye damage.
May be corrosive to metals.



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, Sodium Hydroxide, Ethylene Diamine TetraAcetic Acid, SMPH

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 CHEM BLEND

PH (CONC.)	>13.0
DILUTION	Varies
COLOR	Clear - Slightly Hazy
SCENT	Caustic

PRODUCT CODE	PACKAGING VARIATION	SIZE
CRM067-2558		15 GAL DRUM
CRM068-2558		55 GAL DRUM

DIRECTIONS FOR USE:

DO NOT MIX WITH OTHER CHEMICALS.

1. SORT LAUNDRY BY COLOR AND FABRIC TYPE.
2. DO NOT OVERLOAD WASHER WITH SOILED LAUNDRY.
3. ADD 876CHEM CHEM BLEND LAUNDRY BREAK DURING THE PRESOAK STAGE.
4. ADD 8 FL OZ. PER 100 LBS. OF SOILED LAUNDRY, ADJUST BASED ON SOIL LOAD.
5. WHEN USING 876CHEM CHEM BLEND LAUNDRY BREAK, THE WASH WATER MUST BE PROPERLY NEUTRALIZED WITH 876CHEM LN22 LAUNDRY SOUR, DURING THE FINAL RINSE.
6. 876CHEM CHEM BLEND LAUNDRY BREAK IS RECOMMENDED FOR USE WITH WASHERS EQUIPPED WITH AN AUTOMATIC DOSING SYSTEM.

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 CHEM BLEND PRODUCT SAFETY DATA SHEET (PSDS)

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier

Product Name: 876CHEM CHEM BLEND (Alkaline Laundry Builder)
Product Number: 876c-2558
Recommended Use: Laundry Additive
Uses: For 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 B
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.

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. IMMEDIATELY CALL A POISON CENTER OR PHYSICIAN.

Response:**-Eyes**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing for at least 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.

-Ingestion:

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

-Specific Treatment:

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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	CAS No	Weight-%
Water	7732-18-5	50-80
Sodium Hydroxide	1310-73-2	10-30
Ethylene Diamine TetraAcetic Acid	25102-12-9	3 -20
SMPH	367927-39-7	0.5-5.0

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. Discard or destroy contaminated shoes.
-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 Product does not support combustion, Use extinguishing agent suitable for type of surrounding fire
Specific Hazards Arising from the Chemical:	Dried product is capable of burning. Combustion products are toxic.
Hazardous Combustion Products:	May include Carbon monoxide, Carbon dioxide and other toxic gases or vapors.
Protective Equipment and Precautions for Firefighters:	Wear approved self-contained breathing apparatus (SCBA) and full protective gear. Cool fire- exposed containers with water spray.

Personal Precautions:	6. ACCIDENTAL RELEASE MEASURES Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.
Environmental Precautions:	Do not rinse spill onto the ground, into storm sewers or bodies of water.
Methods for Clean-Up:	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.

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 1 year from date of manufacture.

Occupational Exposure Limits:	8. EXPOSURE CONTROLS / PERSONAL PROTECTION
Chemical Name Sodium Hydroxide 1310-73-2	Ceiling Value(s) Ceiling: 2 mg/m ³
Engineering Controls:	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:	Wear splash goggles. For severe use-conditions, wear a face shield over the goggles.
Skin and Body Protection:	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: Clear	
Odor: Low	
pH: >13.0	
Melting Point / Freezing Point: No information available.	
Boiling Point / Boiling Range: > 100 °C / 212 °F	
Flash Point: > 124 °C / > 255 °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: 1.29 - 1.32	
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 aluminum or other reactive metals 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: 45.4: 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.

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 hydroxide)

Hazard Class: 8

Packing Group: II

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: II

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