



## SAFETY DATA SHEET

### 1. Product and company identification

Product Name	BUILDER
Product Code:	C-BL05
UN/ID No.	UN1760 SODIUM HYDROXIDE, POTASSIUM HYDROXIDE, Class 8, PGII Corrosive Liquid, N.O.S.
<b><u>Recommended use of the chemical</u></b>	
Recommended Use	Heavy Duty Liquid Concentrated Laundry Booster for hard water conditions
<b>Supplier:</b>	<b>HD Chem</b> 707 W. 16 <sup>th</sup> St. Long Beach, CA 90813 (888) 443-2436
<b>Print date:</b>	February 01, 2015
<b>In case of emergency:</b>	<b>Call (888) 443-2436</b>
<b>Product type:</b>	Mixture

### 2. Hazards identification

**Appearance:** Amber                      **Physical State:** Liquid                      **Odor:** Bland

**Classification:**

Acute Toxicity – Oral	Category 3
Acute Toxicity – Inhalation (Dust/Mists)	Category 3
Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

**Signal Word:** DANGER

**Pictograms:**



**Hazard Statement:**

OSHA Hazards: Harmful by ingestion, Corrosive  
Causes severe skin burns and eye damage  
May be harmful if inhaled. Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

**Precautionary Statements – Preventions**

Wash face, hands and any exposed skin thoroughly after handling  
Do not eat, drink or smoke when using this product  
Use only outdoors or in a well-ventilated area  
Do not breathe dust/fume/gas/mist/vapors/spray  
Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements – Response**

Immediately call A POISON CENTER or doctor/physician  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing immediately call a POISON CONTROL or doctor/physician  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower  
 Wash contaminated clothing before reuse  
 IN IHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
 Immediately call a POISON CENTER or doctor/Physician  
 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician Rinse mouth  
 Do not induce vomiting

**Precautionary Statements – Storage**

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements –Disposal**

Disposed of contents/container to an approved waste disposal plant

**Other Hazards**

Harmful to aquatic life with long lasting effects  
 Harmful to aquatic life

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**3. Composition/information on ingredients**

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<u>Name</u>	<u>CAS number</u>	<u>%</u>
Sodium Hydroxide	1310-73-2	30-40
Potassium Hydroxide	1310-58-3	<4

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**4. First aid measures**

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<b>Eye contact:</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Immediately call a POISON CENTER or doctor/physician
<b>Skin contact:</b>	IF ON SKIN (HAIR): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. Seek medical attention.
<b>Inhalation:</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.
<b>Ingestion:</b>	Do not induce Vomiting: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Drink large quantities of water without delay. Give large quantities of water or milk. Immediately call a POISON CENTER or doctor/physician.

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**5. Fire-fighting measures**

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<b>Flash point:</b>	N/A
<b>Flammability of the product:</b>	None, Material is not flammable
<b><u>Extinguishing media:</u></b>	
<b>Suitable:</b>	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
<b>Non suitable:</b>	Not determined
<b>Hazardous Combustion Products</b>	None Known
<b>Special protective equipment for fire-fighters:</b>	As in any fire, wear self-contained breathing apparatus pressure demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

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## 6. Accidental release measures

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<b>Personal precautions:</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
<b>Environmental precautions:</b>	Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See section 12, Ecological information. See Section 13, Disposal Considerations, for additional information
<b><u>Methods for cleaning up</u></b>	
<b>Methods for Containment:</b>	Prevent further leakage or spillage if safe to do so. Dike spill area and cap leaking containers as necessary to prevent further spreading of spilled material. Absorb spilled liquid with suitable material such as dirt or sand.
<b>Methods for Clean-up:</b>	Pick up and transfer to properly labeled containers.

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## 7. Handling and storage

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<b>Handling:</b>	Handle in accordance with food industrial hygiene and safety practice. Use personal protection recommended in Section 8. Avoid contact with skin, eyes or clothing. Wash face, hands, and any exposed skin thoroughly after handling. Do not breathe dust/fume/gas/mist/vapors/spray.
<b>Storage</b>	Keep container tightly closed and store in a cool, dry and well-ventilated place. Store locked up. Keep from freezing.

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## 8. Exposure controls/personal protection

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### Consult local authorities for acceptable exposure limits.

<b>Engineering Controls</b>	<b>Apply technical measures to comply with the occupational exposure limits. Local exhaust ventilation recommended. Eye wash stations. Showers.</b>
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### **Individual-protection measures, such as personal protective equipment**

<b>Eye/Face Protection</b>	Chemical anti-splash safety goggles
<b>Skin and Body Protection</b>	Rubber gloves, Suitable protective clothing
<b>Respiratory Protection</b>	Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation wear respiratory protection.
<b>General Hygiene considerations</b>	Wash contaminated clothing before reuse. Wash face, hands and any exposed skin thoroughly after handling.

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## 9. Physical and chemical properties

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<b>Physical state</b>	Liquid
<b>Boiling Point (F)</b>	Approx, 212 degrees F
<b>Color</b>	Amber
<b>pH</b>	Approx. 13
<b>Odor threshold</b>	Not Available
<b>Evaporation Rate</b>	N/A
<b>Specific Gravity (H2O=1)</b>	1.41
<b>Reactivity in Water</b>	None
<b>Solubility in Water</b>	Complete

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## 10. Stability reactivity

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<b>Stability</b>	Stable
<b>Hazardous polymerization</b>	Will Not Occur
<b>Conditions to avoid</b>	N/A
<b>Materials to avoid</b>	Amphoteric Metals: Strong Acids
<b>Hazardous decomposition products</b>	None

## 11. Toxicological information

### Acute toxicity

Not available

No components of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC, ACGIH, NTP, OSHA

## 12. Ecological information

### Environmental effects:

Not available

## 13. Disposal considerations

### Waste disposal:

The generation of waste should be avoided or minimized wherever possible. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way. Dispose of surplus and non-recyclable products via a license waste contactor. Disposal of this product, solutions and any by products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Refer to Section 7: HANDLING AND STORAGE and Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION for additional handling information and protection of employees.

## 14. Transport information

Regulatory Information	UN number	Proper shipping name	Classes	PG*
DOT Classification	UN1760	Potassium Hydroxide, Sodium Hydroxide	8	II

\*PG: Packing group

## 15. Regulatory information

### California Proposition 65

This product does not contain any Proposition 65 Chemicals

## 16. Other information

<u>HMS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	2	0	0	B

Indicates information that has changed from previously issued version.

### Disclaimer

The information provided in the 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 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 Safety Data Sheet